



CAS STNext[®]

Using the Derwent Manual Codes

Presentation



Using the Derwent Manual Codes on STNNext

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Jim Brown – FIZ Karlsruhe

7/22/2021



Agenda

1. What are Manual Codes?
2. How are they structured?
3. How do we apply them?
4. How can you identify relevant Manual Codes?
5. How can Manual Codes help your searches?

What are Manual Codes?

What are Manual Codes?

A 'technical shorthand' or 'language' in the Derwent World Patents Index (DWPI) that provides an alternative entry point from text into topic searching.

What's wrong with
text searching?



Who creates Manual Codes?

The DWPI editorial team.



Subject matter experts



Assisted by NLP-powered suggestions



Review claims and DWPI abstract



Apply as many codes as applicable

What is the coverage of Manual Codes?

- Started in 1963 with pharmaceutical patents
- Gradually extended to cover all areas of technology in 1980, 2006, 2012 and 2015
- Most unique and detailed coverage is for Sections A-N (CPI subscription required to access)
- Non-CPI customers: only search codes in Sections P & Q and Sections S-X

Why use Manual Codes?

U11-C04G [1992]
Ion beam lithography for semiconductor mfr.
(H01L-021/027)

U11-C04G1 [1992]
Apparatus and method for ion beam lithography
(H01J-037/30, H01L-021/027)
For control and focusing aspects see also U11-C04A6 and U11-C04C2 respectively. See V05-F codes for novel details of apparatus and methods of apparatus monitoring, operation and control..

U11-C04G2 [1992]
Masks for ion beam lithography
(H01L-021/027, H01J-037/30) (U11-C04A4)
Also see V05-F codes for novel ion beam lithography masks.
stencil mask

U11-C04H [1992]
X-ray lithography for semiconductor mfr.
(H01L-021/027)
Roentgen

U11-C04H1 [1992]
Apparatus and method for X-ray lithography
(H01L-021/027, H01J-035) (U11-C04C, U11-C04C1)
Includes exposure using X-ray, soft X-ray and ionising ultraviolet radiation (for exposure using non-ionising ultraviolet radiation e.g. DUV see U11-C04E codes). For control and confinement aspects see also U11-C04A6 and U11-C04C2 respectively. See V05-E and V05-F codes for novel details of apparatus and methods of monitoring, operation and control.
extreme ultraviolet, EUV

U11-C04H2 [1992]
X-ray masks
(H01L-021/027) (U11-C04A3)
Also see V05-E08 codes and V05-F codes for novel X-ray, soft X-ray and EUV lithography masks.

U11-C04J [2005]
Imprint lithography for semiconductor mfr.
(H01L-021, B41M-003)
Includes use of stamps and presses to form pattern.

Hierarchical, giving **more detail** as the code gets longer
(up to seven levels)



Intellectually applied, based on the patent content and technology specialist's knowledge of the area of invention



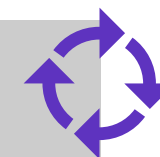
Highlight novel technical aspects of the invention,
as well as applications



Multiple codes applied to a single document
to cover all relevant aspects



Updated yearly by technology specialists
based on technology trends and customer feedback

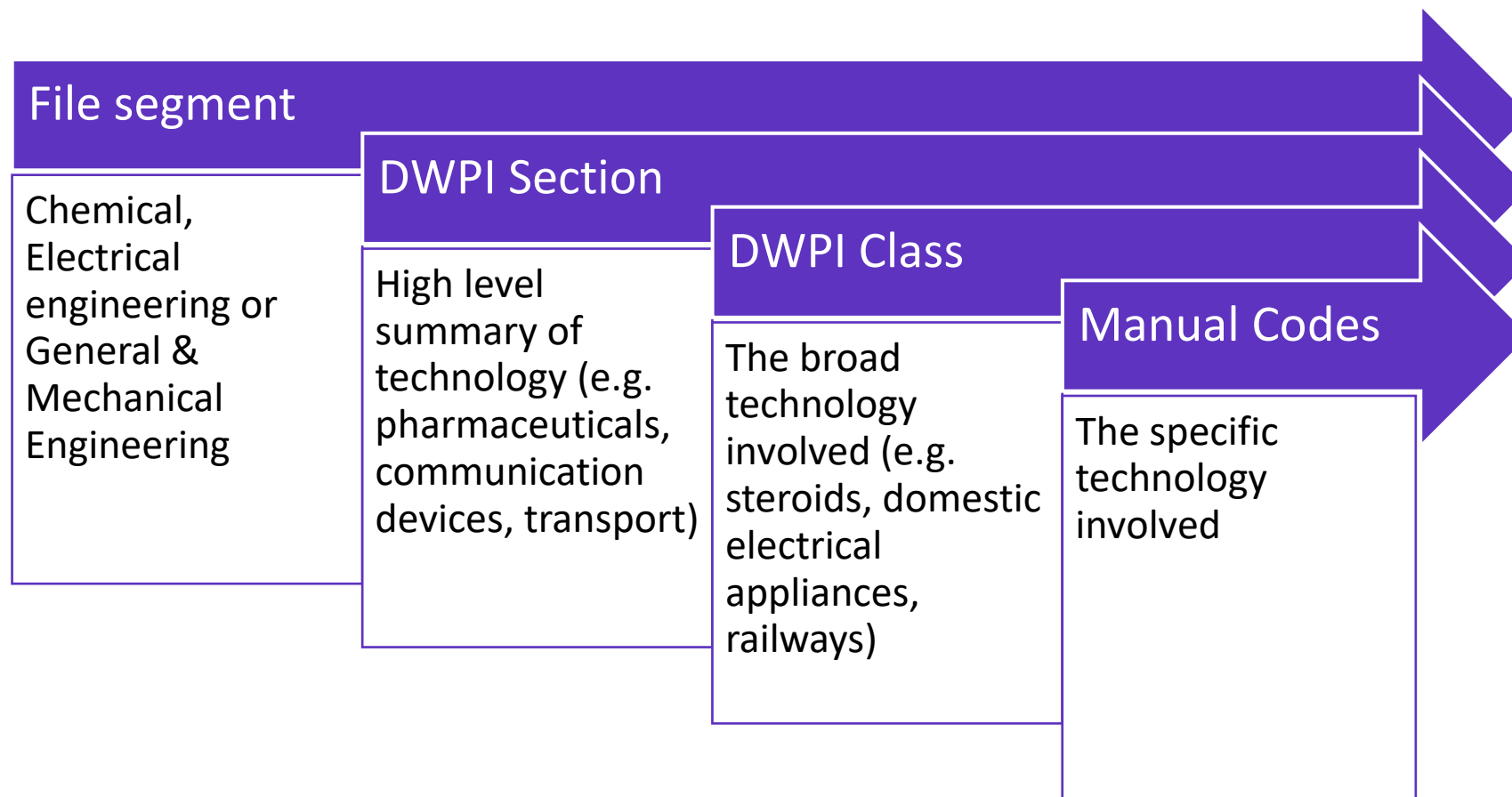


More **consistently indexed** than IPCs; Produces **unique relevant hits**
when compared to text searching and IPC's



How are Manual Codes structured?

How do Manual Codes relate to other DWPI classification?



DWPI File Segments

- CPI – The Chemical Patents Index
- EPI – The Electrical Patents Index
- GMPI – The General & Mechanical Patents Index

CPI Sections

Sections are **broad subject areas** for high level technical categorization

- A – Polymers and Plastics
- B – Pharmaceuticals
- C – Agricultural Chemicals
- D – Food, Detergents, Water Treatment and Biotechnology
- E – General Chemicals
- F – Textiles and Paper-Making
- G – Printing, Coating, Photographic
- H – Petroleum
- J – Chemical Engineering
- K – Nucleonics, Explosives and Protection
- L – Refractories, Ceramics, Cement and Electro(in)organics
- M – Metallurgy
- N – Catalysts

GMPI and EPI Sections

Sections are **broad subject areas** for high level technical categorization

P – General

Q – Mechanical

S – Instrumentation, Measuring and Testing

T – Computing and Control

U – Semiconductors and Electronic Circuitry

V – Electronic Components

W – Communications

X – Electric Power Engineering

Example

An invention for phenoplast adhesives would receive the manual code **A05-C01B1**

- File segment: CPI
- DWPI Class: A21 Phenoplasts; Epoxides; Aminoplasts
- Manual Code hierarchy:

Section	A05	Condensation Polymer
Group	A05-C	Phenoplast
Subgroup	A05-C01	General
Division	A05-C01B	. Uses
Subdivision	A05-C01B1	.. Adhesives

Derwent Manual codes on STNext

Section	A05	Condensation Polymer
Group	A05-C	Phenolplast
Subgroup	A05-C01	General
Division	A05-C01B	. Uses
Subdivision	A05-C01B1	.. Adhesives

- Derwent manual codes are searched using /MC search qualifier
- Derwent manual codes can be searched at section level without truncation and retrieve all relevant records
- Can use truncation for searching at group, subgroup and division levels
 - If you search a manual code at these levels without truncation on STNext, you will only retrieve those records where that specific manual code was indexed

Searching Derwent Manual Codes on STNext

=> S A05/MC

A05 CONDENSATION POLYMERS

L1 1243027 A05/MC

=> S A05?/MC

L2 1243027 A05?/MC

At the section level, there is no need to use truncation.

=> S A05-C/MC

A05-C PHENOPLASTS (OTHERS)

L3 1467 A05-C/MC

=> S A05-C?/MC

L4 64380 A05-C?/MC

At the group level, truncation needs to be used to capture all relevant records.

Searching Derwent Manual Codes on STNext

=> S A05-C01/MC

A05-C01 PHENOPLASTS GENERAL

L5 11112 A05-C01/MC

=> S A05-C01?/MC

L6 48104 A05-C01?/MC

At the subgroup level, truncation needs to be used to capture all relevant records.

=> S A05-C01B/MC

A05-C01B PHENOPLASTS USES

L7 19475 A05-C01B/MC

=> S A05-C01B?/MC

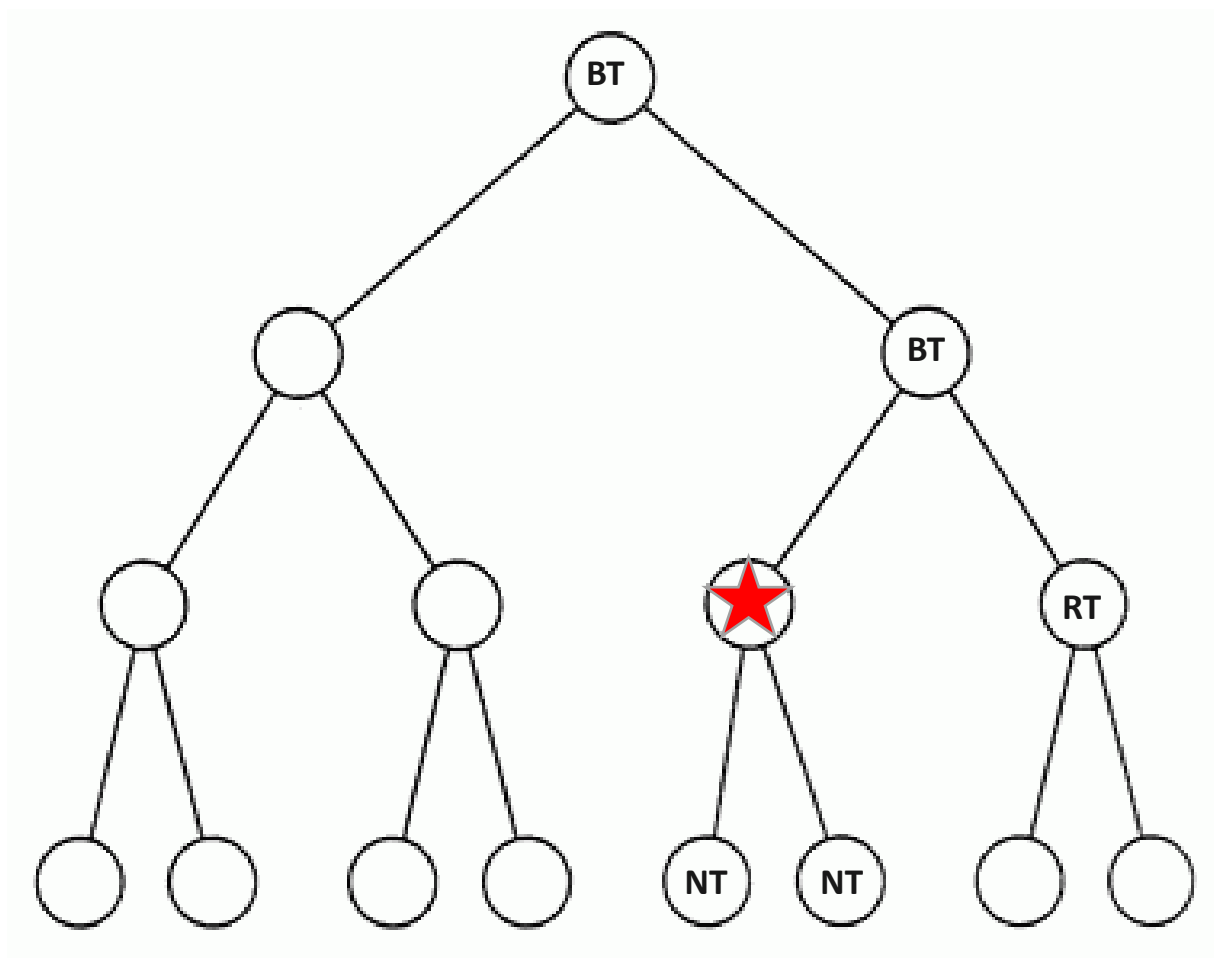
L8 29061 A05-C01B?/MC

At the division level, truncation needs to be used to capture all relevant records.

EXPAND on Derwent Manual Codes on STNext

- The Derwent Manual Codes are hierarchical
 - Broader terms (BT), narrower terms (NT), related terms (RT)
- => E *manual code*+ALL/MC
 - Shows the entire Derwent Manual Code hierarchy for a particular code in an EXPAND statement
 - Will help determine the appropriate level to incorporate into the strategy
 - The best code may be the exact code that was expanded on, or a broader code or a narrower code

Hierarchical tree example



EXPANdIng Derwent Manual Codes on STNNext

=> E A05-C01B+ALL/MC

E1	1243027	BT3 A05/MC DEF CONDENSATION POLYMERS
E2	1467	BT2 A05-C/MC DEF PHENOPLASTS (OTHERS)
E3	11112	BT1 A05-C01/MC DEF PHENOPLASTS GENERAL
E4	19475	--> A05-C01B/MC DEF PHENOPLASTS USES HNTE (1986-)
E5	1290	RT A05-C01B2/MC DEF PHENOPLASTS USE AS (ELECTRO)PHOTOGRAPHIC USE HNTE (1994-)
E6	8460	NT1 A05-C01B1/MC DEF PHENOPLASTS USE AS ADHESIVES AND BINDERS; COATINGS; LAMINATES; REINFORCED PLASTICS HNTE (1986-)
E7	1290	NT1 A05-C01B2/MC DEF PHENOPLASTS USE AS (ELECTRO)PHOTOGRAPHIC USE HNTE (1994-)

***** END *****

E4 is the term that was EXPANDED around. E1-E3 are broader codes; E5-E7 are related and narrower codes.

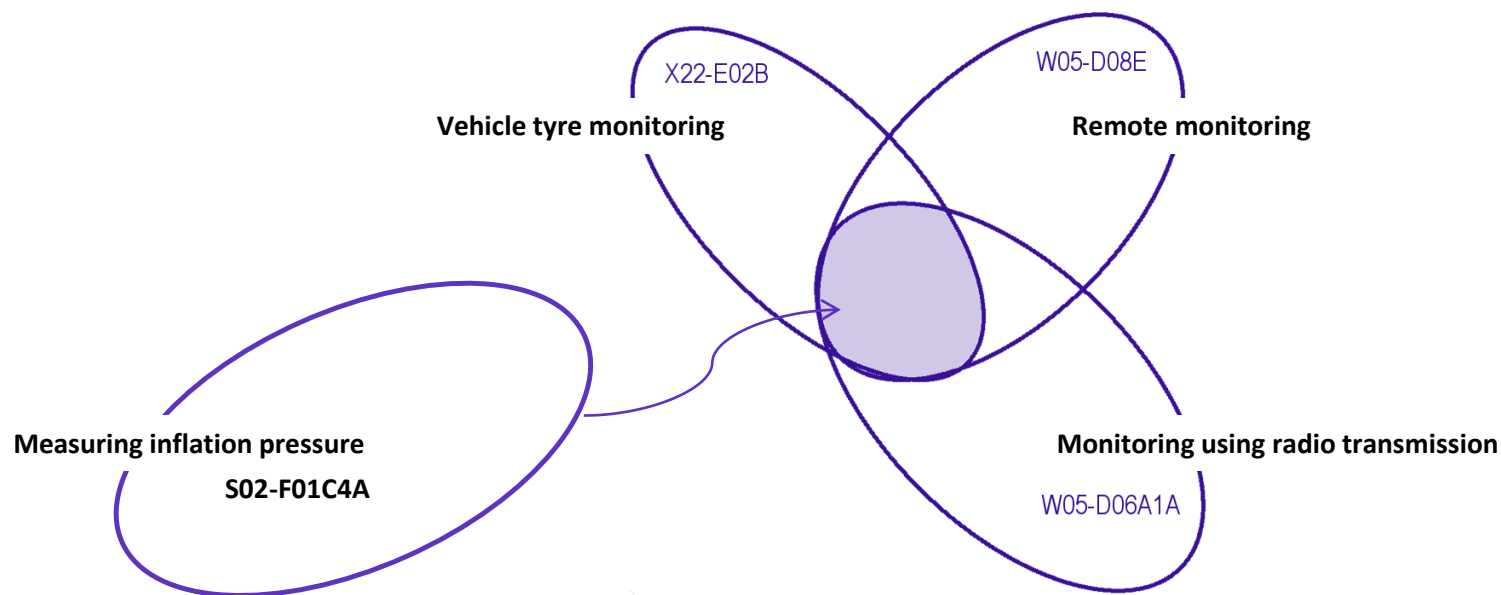
How do we apply Manual Codes?

How do we apply Manual Codes?

- They are applied in combination with one another to effectively “paint” a picture of the invention.
- They are applied at the appropriate level of broadness or specificity.

Manual Coding in combination

Codes are designed to be used in conjunction with one another to narrow down the area of interest.



Adding the code (**S02-F01C4A**) for inflation pressure measurement to the vehicle radio remote monitoring codes completes the level of detail required to be able to search for the area of interest for this example.

Engineering example

Manual Codes:

Q17-E03 Vehicle engine lubricating arrangement

Q19-F Recreational vehicles such as quad-bikes

Q51-G02 Liquid cooling of IC engine

Q13-A03 Clutch

Q13-A22 Transmission cooling arrangements

US 20130333980A1

(19) **United States**
(12) **Patent Application Publication**
(11) **Tsunashima et al.**

(10) **Pub. No.: US 2013/0333980 A1**
(43) **Pub. Date: Dec. 19, 2013**

(54) **LUBRICATING DEVICE FOR POWER UNIT**

(71) Applicant: **HONDA MOTOR CO., LTD**, Tokyo (JP)

(72) Inventors: **Kousuke Tsunashima**, Wako-shi (JP); **Masafumi Taki**, Wako-shi (JP); **Seiji Hamaoka**, Wako-shi (JP); **Taku Hirayama**, Wako-shi (JP)

(73) Assignee: **HONDA MOTOR CO., LTD**, Tokyo (JP)

(21) Appl. No.: **13/902,491**

(22) Filed: **May 24, 2013**

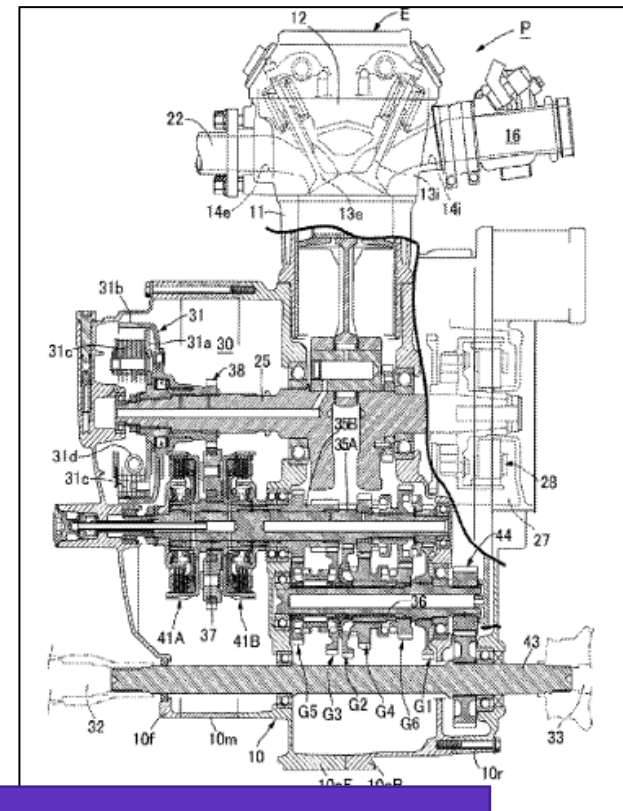
(30) **Foreign Application Priority Data**
Jun. 14, 2012

Publication Classification

(51) **Int. Cl.**
F01M 1/02 (2006.01)

(52) **U.S. Cl.**
CPC **F01M 1/02** (2013.01)
USPC **184/6.5**

(57) **ABSTRACT**
A lubricating device for a power unit includes an oil pan, an oil tank being separated from the oil pan, a scavenging pump for circulating the received oil of the oil pan to the oil tank, and a feed pump to feeding oil stored in the oil tank to the engine and the transmission, wherein an oil reservoir for storing a certain amount of oil to immerse a lower part of a clutch that connects and disconnects a transmission route between the engine and the transmission is provided in a powerunit case, and a first overflow passage is provided in the oil tank such that when the stored oil in the oil tank is increased beyond a first level, the first overflow passage



DWPI Title:

Lubricating device for internal combustion engine used in quad bike, has scavenging pump feeding sump oil to tank with pump feeding oil from tank to cool clutch of vehicle transmission

Polymer example

Blow molding of polyethylene to produce a bottle

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)
(19) World Intellectual Property Organization
International Bureau
(43) International Publication Date
12 December 2013 (12.12.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/182541 A1

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B65D 23/10 (2006.01) B29C 49/54 (2006.01)
B29C 49/62 (2006.01) B29C 49/20 (2006.01)

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(74) Agent: CABINET PLASSERAUD; Group of Mandatories No. 280, 235 cours Lafayette, F-69006 Lyon (FR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:
— with international search report (Art. 21(3))

(54) Title: BLOW MOULDED BOTTLE, METHOD OF MANUFACTURING AND MOULD

(57) Abstract: The invention pertains to a (b)low) moulded plastic bottle (1) for beverages, said bottle (1) being of the type including from the top to the base: a neck (2,3,4), a shoulder (5), a tubular body portion (6), and an integral bottom structure (7) including: a terminal curved portion (8), an internal axially inwardly directed dome (9), and an (annular) base joining the terminal curved portion to the dome; herein a spline (17) is designed between the tubular body portion (6) and the terminal curved portion (8); the (annular) base (10) comprises a part, preferably a flat part, which is included in the base plane (Pb) onto the bottle (1) rests when it stands up; the height (h1) between (Pb) and the apex of the dome (9), the height (h2) between (Pb) and the spline diametral median plane (Pd) which is in the middle of the spline (17) and which is parallel to (Pb) and the maximum external diameter (Dm) of the tubular body portion, being so that $[(h1) / (Dm)] * 100$ is comprised between 14.0 and 16.0% and $(h1) < (h2) \leq 3.5(h1)$. The invention also concerns a method, a preform and a mold for the manufacture of said by blow moulding.

FIG. 1

Manual Codes:

A04-G02C Polyethylene fabrication

A11-B10 Blow moulding

A12-P06A Bottles

Q32-A01 Bottles

Q31-C Manufacture of package

Q33-B Plastic

Q34-B Packages for holding liquid/semi-liquid

Q34-C07 Drinks and beverages

Derwent Manual code search example

Not all manual codes have to be searched, only enough to capture relevant records

```
=> S A11-B10+NT/MC AND (A12-P06A+NT OR Q32-A01+NT)/MC AND Q34-B+NT/MC
```

A11-B10 BLOW MOULDING

A12-P06A BOTTLES, AEROSOL CONTAINERS

Q32-A01 BOTTLES

Q34-B LIQUIDS; SEMI-LIQUIDS; GAS

29694 A11-B10+NT/MC (1 TERM)

38512 A12-P06A+NT/MC (1 TERM)

39075 Q32-A01+NT/MC (1 TERM)

92803 Q34-B+NT/MC (1 TERM)

L8 309 A11-B10+NT/MC AND (A12-P06A+NT OR Q32-A01+NT)/MC AND Q34-B+NT/MC

Note: This set can be further refined by searching the polyethylene concept – through Derwent Manual Codes, Derwent Polymer Indexing, etc.

Broadness or specificity of Manual Codes

Codes applied reflect the broadest concepts described.

- Independent claim: “We claim a drug that treats cancers...”
 - Dependent claim: “... such as lung cancer...”

Code applied: B14-H01 (cancer treatment)
NOT B14-H01K3 (lung cancer)

Broadness or specificity of Manual Codes

Special case: when **3 or more specific codes** that sit under a general code would be applied, **only the general code applies.**

Derwent Manual code indexing example

CN1102563 – First 5 claims from CNFULL

CLM

1. A compound with anticancer activity, characterized in that has the following general structure: R group is CH₃O or H, wherein said compound from the bright eye extracting.

2. With anticancer activity of the compound according to Claim 1, characterized in that said compounds for the larynx cancer, liver cancer, breast cancer, lung cancer, stomach cancer, neuroblastoma, nasopharyngeal carcinoma, prostate or bladder cancer prevention.

3. With anticancer activity of the compound according to Claim 2, characterized in that said compounds for the prevention of cancer.

4. With anticancer activity of the compound according to Claim 1, characterized in that said compound for increasing the Caspase - 3 protein expression.

5. With anticancer activity of the compound according to Claim 1, characterized in that said compound by increasing the Caspase - 3 protein expression to induce apoptosis.

Note: The second claim in this document claims anticancer activity for many types of cancer. Because there are three or more specifics, the Derwent indexer will opt for a more generic Manual Code, as opposed to specific codes for each type listed.

Derwent Manual code indexing example

CN1102563 – Derwent Manual Codes in WPIX

=> S CN110256394/PN

L2 1 CN110256394/PN

=> D TI MC

L2 ANSWER 1 OF 1 WPIX COPYRIGHT 2021 CLARIVATE ANALYTICS on STN

TI New (3S)- 3-methyl-3,4,5,6,7,8,9,10-octahydro-1H-2-benzoxacyclododecin-1-one compound extracted from dragon grass for treating e.g. cancer by increasing caspase-3 protein expression which induces apoptosis of cancer

MC CPI: A12-L04A; A12-V00V; A12-V01; B06-A02; B11-B03C; B11-C01C1; B11-C01D;
B14-H01; B14-H01D1; B14-H01E5; B14-H01E8; B14-H01F4; B14-H01F6;
B14-H01K; B14-H03; B14-S18

Note: You may expect the Manual Codes to include B14-H01K3 (Lung Cancers), but because the document mentions other cancers as well, the indexer opted for a more generic code to cover these concepts, namely B14-H01K (Oral and Respiratory Cancers.)

Derwent Manual code indexing example

```
=> E B14-H01K3+ALL/MC

E1      1239292  BT4  B14/MC
          DEF  PHARMACEUTICAL ACTIVITIES
          HNTD (1963-2011)
          HNTD (2012-    )

E2          1  BT3  B14-H/MC
          DEF  ANTICANCER DRUGS

E3      192462  BT2  B14-H01/MC
          DEF  ANTICANCER GENERAL AND OTHER
          HNTD (1994-    )

E4          334  BT1  B14-H01K/MC
          DEF  ORAL AND RESPIRATORY CANCERS
          HNTD (2005-    )

E5      6800    --> B14-H01K3/MC
          DEF  LUNG CANCERS
          HNTD (2006-    )

***** END *****
```


How can you identify relevant Manual Codes?

Three good methods for identifying Manual Codes



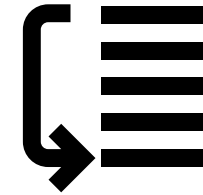
Reverse engineer

- Find a highly relevant reference and review it for assigned Manual Codes



Analyze

- Use text searching to find a list of relevant references
- Use ANALYZE command to identify common Manual Codes



Browse

- EXPAND on the Manual Code hierarchy in a section of interest
- Browse the hierarchy to find relevant Manual Codes

Reverse Engineering

- Find a record that is close to the searched concept
- See which Derwent Manual Codes have been indexed for that record
- Get the definitions of those Manual Codes
- Decide which codes are relevant for your search

<

Reverse Engineering (cont.)

=> S W02013182541/PN

L1 1 W02013182541/PN

=> D MC

L1 ANSWER 1 OF 1 WPIX COPYRIGHT 2021 CLARIVATE ANALYTICS on STN
MC CPI: A04-G02C; A04-G02E; A04-G02E2; A11-A; A11-A04; A11-B; A11-B02;
A11-B10; A12-P06A; A12-P06B
EngPI: Q31-C; Q32-A01; Q32-B06; Q33-B; Q33-J03; Q34-B; Q34-C07

Manual Codes of interest:

A04-G02C Polyethylene fabrication

A11-B10 Blow moulding

A12-P06A Bottles

Q32-A01 Bottles

Q31-C Manufacture of package

Q33-B Plastic

Q34-B Packages for holding liquid/semi-liquid

Q34-C07 Drinks and beverages


ANALYZE


- Perform a keyword (or IPC, CPC, etc.) search
- ANALYZE the set for the Derwent Manual Codes
- Get the definitions of the higher-posted Manual Codes
- Decide which codes are relevant for your search


ANALYZE

Entered HOME 21:01:12 ON 19 JUL 2021

Entered WPIX 21:02:50 ON 19 JUL 2021

L1 1 S WO2013182541/PN  ...

L2 5217 S POLYETHYLENE AND (BLOW (W) MOLD?) AND (BOTTLE OR CONTAINER)  ...

L3 867 S L2 AND PY.B>2015  ...

Analyze Results

Analyze

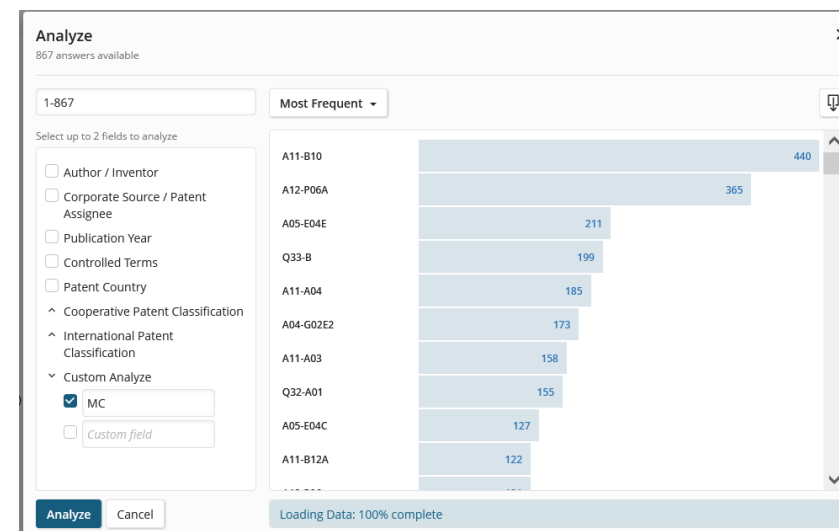
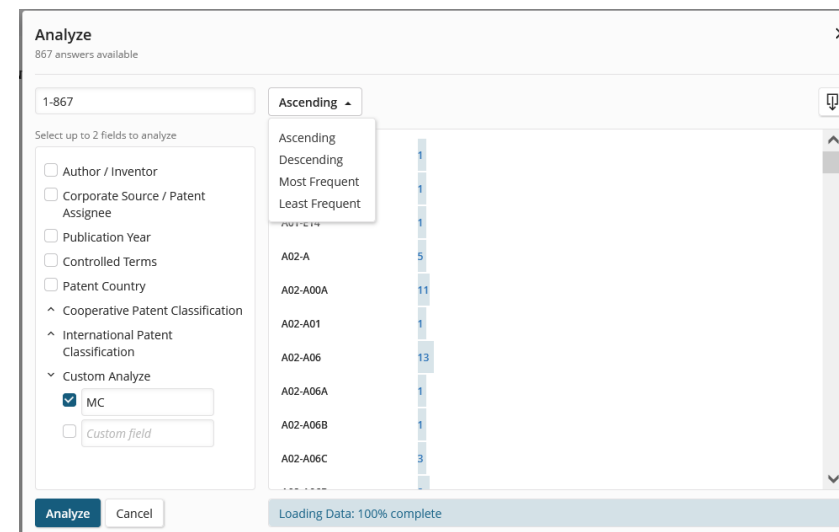
867 answers available

1-867

Select up to 2 fields to analyze

☐ Author / Inventor
 ☐ Corporate Source / Patent Assignee
 ☐ Publication Year
 ☐ Controlled Terms
 ☐ Patent Country
 ☒ Cooperative Patent Classification
 ☒ International Patent Classification
 ☒ Custom Analyze
 ☒ MC
 ☐ Custom field

Analyze Cancel



Downloaded ANALYZE results – Excel spreadsheet

	A	B
1	A11-B10	440
2	A12-P06A	365
3	A05-E04E	211
4	Q33-B	199
5	A11-A04	185
6	A04-G02E	173
7	A11-A03	158
8	Q32-A01	155
9	A05-E04C	127
10	A11-B12A	122
11	A12-P06	121
12	A12-P01B	117
13	Q34-B	105
14	A09-D01	88
15	P73-V16	78
16	A04-G02C	72
17	A08-M10	65
18	A11-B02	59
19	A11-B07	57
20	A12-W09	54

21	A08-A06	52
22	A04-G06	49
23	A04-G02E	47
24	Q32-B01	47
25	A07-A02D	46
26	A08-M	45
27	Q34-C07	44
28	A04-G02B	42
29	A12-P01	42
30	Q34-J03	41
31	A04-G03E	38
32	A08-R	37
33	A08-R01	36
34	A11-B01	36
35	A11-B07A	36
36	A08-M03	33
37	A08-S02	33
38	B11-C06	32
39	A12-P03	31
40	A08-M03E	30

41	A04-G11	29
42	Q32-B99	28
43	A04-G01E	27
44	A04-G03C	27
45	A07-A03A	27
46	A08-E01	27
47	A04-G06A	25
48	A08-M09E	25
49	A11-A	25
50	A12-P02	25
51	A05-E01D	24
52	A08-S01	24
53	Q32-T01C	24
54	A10-B01	23
55	A11-C06	23
56	A11-A02C	22
57	A12-V03D	22
58	P33-B	22
59	P73-A01	22
60	P73-A03	22


Start with the highest posted Manual Codes – decide if the code is appropriate by checking the title/definition.

...

Browse

- The Derwent Manual code Manuals are available as pdfs
 - CPI
https://clarivate.com/intellectual-property/wp-content/uploads/sites/5/dlm_uploads/2024/12/CPI_Manual_Codes_2025.pdf
 - EPI
<https://clarivate.com/intellectual-property/training-support/derwent/dwpi-reference-center/engineering-user-guides/>
- Keyword search of the manual code titles is available in the Derwent Manual Code Lookup tool:
 - <https://clarivate.com/intellectual-property/training-support/derwent/dwpi-reference-center/mcl/>

Derwent Manual Code Lookup



Manual Code Lookup

Search by keyword

Select boolean search type:

AND

Search

Search by Manual Code

Search

45 results found.

Find: bottle

Code Status	Title
A12 Current	Polymer applications
A12-P06A Current	Bottles, aerosol containers
A12-R06 Current	Thermal and/or acoustic insulation; honeycomb structures
D11-D01A Current	Dishwashing, bottle and utensil washing
L01-G04A Current	Coating glass bottles
P24-C04 Current	Accessories/Container for Toilet/Cosmetic Products
P24-D Current	Camping Equipment

Code A12-R06 has the word 'bottle' in the scope notes but not in the title.

How can Manual Codes help your searches?

Two uses for Manual Codes

Manual Codes as **synonyms**

- Combine Manual code with keyword or other class terms (IPC/CPC) terms using **OR**
- Make your search more **comprehensive**

Manual Codes as **filters**

- Restrict your keyword searches with Manual Codes by combining using **AND**
- Improve the **relevancy** of your results

Manual Codes as synonyms

=> s bottle

405383 BOTTLE/BI

64501 BOTTLES/BI

427733 BOTTLE/BI

((BOTTLE OR BOTTLES)/BI)

448804 BOTTLE/BIEX

29305 BOTTLES/BIEX

457855 BOTTLE/BIEX

((BOTTLE OR BOTTLES)/BIEX)

L4 554869 BOTTLE/BI,BIEX

=> S L4 OR (A12-P06A OR Q32-A01)/MC

A12-P06A BOTTLES, AEROSOL CONTAINERS

Q32-A01 BOTTLES

38512 A12-P06A/MC

39075 Q32-A01/MC

L5 560265 L4 OR (A12-P06A OR Q32-A01)/MC

=> S L5 NOT L4

L6 5396 L5 NOT L4

Manual Codes as synonyms

=> D TI 1-3

L6 ANSWER 1 OF 5396 WPIX COPYRIGHT 2021 CLARIVATE ANALYTICS on STN
TI Automatic constant temperature feeding device for ICU children, has feeding device main body whose middle position is connected with end of universal hose, where another end of universal hose is connected on clamping body that is formed with opening

L6 ANSWER 2 OF 5396 WPIX COPYRIGHT 2021 CLARIVATE ANALYTICS on STN
TI Milk box for baby nipple, has containing groove located at side of drinking opening, containing groove and drinking opening arranged at intervals, and box cover whose lower surface is provided with sealing ring that is fixed around drinking opening

L6 ANSWER 3 OF 5396 WPIX COPYRIGHT 2021 CLARIVATE ANALYTICS on STN
TI Temperature display base for children eating tableware, has base provided with temperature display that is provided with display screen, touch switch, button battery and convex seat, and terminal electrically connected with probe rod

Manual Codes as filters

Manual Code Lookup

Search by keyword

Select boolean search type:

AND

Search

Search by Manual Code

Search

4 results found.

Find: anti-lock

Code Status	Title
X21-A03A Current	(Electro)mechanical
X22-C01 Retired	Anti-skid and anti-lock arrangements*
X22-C01B Retired	Anti-lock braking*
X22-C02C3 Current	Anti-lock brake system

Manual Codes as filters

Entered WPIX 22:10:25 ON 19 JUL 2021

L1 90249 S (ABS OR (ANTILOCK?
OR ANTI-LOCK?) (W) BRAKE?)



L2 6896 S L1 AND X22-C0?/MC



L3 83353 S L1 NOT L2



=> S L1 NOT L2

L3 83353 L1 NOT L2

=> D KWIC 1-3

L3 ANSWER 1 OF 83353 WPIX COPYRIGHT 2021 CLARIVATE ANALYTICS on STN
NOV NOVELTY - The utility model relates to the technical field of resin
diameter expansion, specifically to a high-efficiency ABS resin diameter
expanding device, comprising a diameter expanding kettle; the top part of
the diameter expanding kettle is provided with.. . .

The keyword search also captured records that pertained to Acrylonitrile-Butadiene-Styrene terpolymer, antibodies, and air bearing surfaces. Adding the Derwent Manual Codes to the original search refined it, removing a lot of false drops.

Summary

- The Derwent Manual Codes are another important search tool to complement keyword searching
- Can be used by themselves, or in conjunction with other classification schemes (IPCs, CPCs, etc.)
- When using Manual Codes, be sure to check the start date of the term in question
 - May have to include older, broader terms for older time periods
- Always consider broadening the strategy, given the 'three or more concepts from the same hierarchy, only the generic code will be indexed' indexing rule

For more information ...

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