

## CPC to IPC Concordance for Subclass B23D

CPC Group	IPC Group
B23D 1/00	B23D 1/00
B23D 1/003	B23D 1/00
B23D 1/006	B23D 1/00
B23D 1/02	B23D 1/02
B23D 1/04	B23D 1/04
B23D 1/06	B23D 1/06
B23D 1/08	B23D 1/08
B23D 1/10	B23D 1/10
B23D 1/12	B23D 1/12
B23D 1/14	B23D 1/14
B23D 1/16	B23D 1/16
B23D 1/18	B23D 1/18
B23D 1/20	B23D 1/20
B23D 1/205	B23D 1/20
B23D 1/22	B23D 1/22
B23D 1/24	B23D 1/24
B23D 1/26	B23D 1/26
B23D 1/28	B23D 1/28
B23D 1/30	B23D 1/30
B23D 3/00	B23D 3/00
B23D 3/02	B23D 3/02
B23D 3/04	B23D 3/04
B23D 3/06	B23D 3/06

CPC Group	IPC Group
B23D 5/00	B23D 5/00
B23D 5/02	B23D 5/02
B23D 5/04	B23D 5/04
B23D 7/00	B23D 7/00
B23D 7/02	B23D 7/02
B23D 7/04	B23D 7/04
B23D 7/06	B23D 7/06
B23D 7/08	B23D 7/08
B23D 7/10	B23D 7/10
B23D 7/105	B23D 7/10
B23D 7/12	B23D 7/12
B23D 9/00	B23D 9/00
B23D 11/00	B23D 11/00
B23D 13/00	B23D 13/00
B23D 13/005	B23D 13/00
B23D 13/02	B23D 13/02
B23D 13/04	B23D 13/04
B23D 13/06	B23D 13/06
B23D 15/00	B23D 15/00
B23D 15/002	B23D 15/00
B23D 15/005	B23D 15/00
B23D 2015/007	B23D 15/00
B23D 15/02	B23D 15/02
B23D 15/04	B23D 15/04

CPC Group	IPC Group
B23D 15/06	B23D 15/06
B23D 15/08	B23D 15/08
B23D 15/10	B23D 15/10
B23D 15/12	B23D 15/12
B23D 15/14	B23D 15/14
B23D 15/145	B23D 15/14
B23D 17/00	B23D 17/00
B23D 17/02	B23D 17/02
B23D 17/04	B23D 17/04
B23D 17/06	B23D 17/06
B23D 17/08	B23D 17/08
B23D 19/00	B23D 19/00
B23D 19/02	B23D 19/02
B23D 19/04	B23D 19/04
B23D 19/06	B23D 19/06
B23D 19/065	B23D 19/06
B23D 19/08	B23D 19/08
B23D 21/00	B23D 21/00
B23D 21/003	B23D 21/00
B23D 21/006	B23D 21/00
B23D 21/02	B23D 21/02
B23D 21/04	B23D 21/04
B23D 21/06	B23D 21/06
B23D 21/08	B23D 21/08

CPC Group	IPC Group
B23D 21/10	B23D 21/10
B23D 21/12	B23D 21/12
B23D 21/14	B23D 21/14
B23D 21/145	B23D 21/14
B23D 23/00	B23D 23/00
B23D 2023/005	B23D 23/00
B23D 23/02	B23D 23/02
B23D 23/04	B23D 23/04
B23D 25/00	B23D 25/00
B23D 25/02	B23D 25/02
B23D 25/04	B23D 25/04
B23D 25/06	B23D 25/06
B23D 25/08	B23D 25/08
B23D 25/10	B23D 25/10
B23D 25/12	B23D 25/12
B23D 25/14	B23D 25/14
B23D 27/00	B23D 27/00
B23D 27/02	B23D 27/02
B23D 27/04	B23D 27/04
B23D 27/06	B23D 27/06
B23D 29/00	B23D 29/00
B23D 29/002	B23D 29/00
B23D 29/005	B23D 29/00
B23D 29/007	B23D 29/00

<b>CPC Group</b>	<b>IPC Group</b>
B23D 29/02	B23D 29/02
B23D 29/023	B23D 29/02
B23D 29/026	B23D 29/02
B23D 31/00	B23D 31/00
B23D 31/001	B23D 31/00
B23D 31/002	B23D 31/00
B23D 31/003	B23D 31/00
B23D 2031/005	B23D 31/00
B23D 2031/006	B23D 31/00
B23D 2031/007	B23D 31/00
B23D 31/008	B23D 31/00
B23D 31/02	B23D 31/02
B23D 31/04	B23D 31/04
B23D 33/00	B23D 33/00
B23D 33/003	B23D 33/00
B23D 33/006	B23D 33/00
B23D 33/02	B23D 33/02
B23D 33/025	B23D 33/02
B23D 33/04	B23D 33/04
B23D 33/06	B23D 33/06
B23D 33/08	B23D 33/08
B23D 33/10	B23D 33/10
B23D 33/12	B23D 33/12
B23D 35/00	B23D 35/00

CPC Group	IPC Group
B23D 35/001	B23D 35/00
B23D 35/002	B23D 35/00
B23D 35/004	B23D 35/00
B23D 35/005	B23D 35/00
B23D 35/007	B23D 35/00
B23D 35/008	B23D 35/00
B23D 36/00	B23D 36/00
B23D 36/0008	B23D 36/00
B23D 36/0016	B23D 36/00
B23D 36/0025	B23D 36/00
B23D 36/0033	B23D 36/00
B23D 36/0041	B23D 36/00
B23D 36/005	B23D 36/00
B23D 36/0058	B23D 36/00
B23D 36/0066	B23D 36/00
B23D 36/0075	B23D 36/00
B23D 36/0083	B23D 36/00
B23D 36/0091	B23D 36/00
B23D 37/00	B23D 37/00
B23D 37/005	B23D 37/00
B23D 37/02	B23D 37/02
B23D 37/04	B23D 37/04
B23D 37/06	B23D 37/06
B23D 37/08	B23D 37/08

CPC Group	IPC Group
B23D 37/10	B23D 37/10
B23D 37/12	B23D 37/12
B23D 37/14	B23D 37/14
B23D 37/16	B23D 37/16
B23D 37/18	B23D 37/18
B23D 37/20	B23D 37/20
B23D 37/22	B23D 37/22
B23D 39/00	B23D 39/00
B23D 41/00	B23D 41/00
B23D 41/02	B23D 41/02
B23D 41/04	B23D 41/04
B23D 41/06	B23D 41/06
B23D 41/08	B23D 41/08
B23D 41/083	B23D 41/08
B23D 41/086	B23D 41/08
B23D 43/00	B23D 43/00
B23D 43/005	B23D 43/00
B23D 43/02	B23D 43/02
B23D 2043/025	B23D 43/02
B23D 43/04	B23D 43/04
B23D 43/06	B23D 43/06
B23D 2043/063	B23D 43/06
B23D 2043/066	B23D 43/06
B23D 43/08	B23D 43/08

<b>CPC Group</b>	<b>IPC Group</b>
B23D 45/00	B23D 45/00
B23D 45/003	B23D 45/00
B23D 45/006	B23D 45/00
B23D 45/02	B23D 45/02
B23D 45/021	B23D 45/02
B23D 45/022	B23D 45/02
B23D 45/024	B23D 45/02
B23D 45/025	B23D 45/02
B23D 45/027	B23D 45/02
B23D 45/028	B23D 45/02
B23D 45/04	B23D 45/04
B23D 45/042	B23D 45/04
B23D 45/044	B23D 45/04
B23D 45/046	B23D 45/04
B23D 45/048	B23D 45/04
B23D 45/06	B23D 45/06
B23D 45/061	B23D 45/06
B23D 45/062	B23D 45/06
B23D 45/063	B23D 45/06
B23D 45/065	B23D 45/06
B23D 45/066	B23D 45/06
B23D 45/067	B23D 45/06
B23D 45/068	B23D 45/06
B23D 45/08	B23D 45/08



CPC Group	IPC Group
B23D 45/10	B23D 45/10
B23D 45/102	B23D 45/10
B23D 45/105	B23D 45/10
B23D 45/107	B23D 45/10
B23D 45/12	B23D 45/12
B23D 45/122	B23D 45/12
B23D 45/124	B23D 45/12
B23D 45/126	B23D 45/12
B23D 45/128	B23D 45/12
B23D 45/14	B23D 45/14
B23D 45/143	B23D 45/14
B23D 45/146	B23D 45/14
B23D 45/16	B23D 45/16
B23D 45/165	B23D 45/16
B23D 45/18	B23D 45/18
B23D 45/20	B23D 45/20
B23D 45/22	B23D 45/22
B23D 45/24	B23D 45/24
B23D 45/26	B23D 45/26
B23D 47/00	B23D 47/00
B23D 47/005	B23D 47/00
B23D 47/02	B23D 47/02
B23D 47/025	B23D 47/02
B23D 47/04	B23D 47/04

CPC Group	IPC Group
B23D 47/042	B23D 47/04
B23D 47/045	B23D 47/04
B23D 47/047	B23D 47/04
B23D 47/06	B23D 47/06
B23D 47/065	B23D 47/06
B23D 47/08	B23D 47/08
B23D 47/10	B23D 47/10
B23D 47/12	B23D 47/12
B23D 47/123	B23D 47/12
B23D 47/126	B23D 47/12
B23D 49/00	B23D 49/00
B23D 49/001	B23D 49/00
B23D 49/002	B23D 49/00
B23D 49/003	B23D 49/00
B23D 49/005	B23D 49/00
B23D 49/006	B23D 49/00
B23D 49/007	B23D 49/00
B23D 49/008	B23D 49/00
B23D 49/02	B23D 49/02
B23D 49/04	B23D 49/04
B23D 49/06	B23D 49/06
B23D 49/08	B23D 49/08
B23D 49/10	B23D 49/10
B23D 49/105	B23D 49/10

<b>CPC Group</b>	<b>IPC Group</b>
B23D 49/11	B23D 49/11
B23D 49/12	B23D 49/12
B23D 49/125	B23D 49/12
B23D 49/14	B23D 49/14
B23D 49/16	B23D 49/16
B23D 49/162	B23D 49/16
B23D 49/165	B23D 49/16
B23D 49/167	B23D 49/16
B23D 51/00	B23D 51/00
B23D 51/005	B23D 51/00
B23D 51/01	B23D 51/01
B23D 51/02	B23D 51/02
B23D 51/025	B23D 51/02
B23D 51/03	B23D 51/03
B23D 51/04	B23D 51/04
B23D 51/043	B23D 51/04
B23D 51/046	B23D 51/04
B23D 51/06	B23D 51/06
B23D 51/065	B23D 51/06
B23D 51/08	B23D 51/08
B23D 51/10	B23D 51/10
B23D 51/12	B23D 51/12
B23D 51/125	B23D 51/12
B23D 51/14	B23D 51/14

<b>CPC Group</b>	<b>IPC Group</b>
<b>B23D 51/16</b>	<b>B23D 51/16</b>
<b>B23D 51/163</b>	<b>B23D 51/16</b>
<b>B23D 51/166</b>	<b>B23D 51/16</b>
<b>B23D 51/18</b>	<b>B23D 51/18</b>
<b>B23D 51/20</b>	<b>B23D 51/20</b>
<b>B23D 53/00</b>	<b>B23D 53/00</b>
<b>B23D 53/001</b>	<b>B23D 53/00</b>
<b>B23D 53/003</b>	<b>B23D 53/00</b>
<b>B23D 53/005</b>	<b>B23D 53/00</b>
<b>B23D 53/006</b>	<b>B23D 53/00</b>
<b>B23D 53/008</b>	<b>B23D 53/00</b>
<b>B23D 53/02</b>	<b>B23D 53/02</b>
<b>B23D 53/023</b>	<b>B23D 53/02</b>
<b>B23D 53/026</b>	<b>B23D 53/02</b>
<b>B23D 53/04</b>	<b>B23D 53/04</b>
<b>B23D 53/045</b>	<b>B23D 53/04</b>
<b>B23D 53/06</b>	<b>B23D 53/06</b>
<b>B23D 53/08</b>	<b>B23D 53/08</b>
<b>B23D 53/10</b>	<b>B23D 53/10</b>
<b>B23D 53/12</b>	<b>B23D 53/12</b>
<b>B23D 55/00</b>	<b>B23D 55/00</b>
<b>B23D 55/005</b>	<b>B23D 55/00</b>
<b>B23D 55/02</b>	<b>B23D 55/02</b>
<b>B23D 55/023</b>	<b>B23D 55/02</b>

CPC Group	IPC Group
B23D 55/026	B23D 55/02
B23D 55/04	B23D 55/04
B23D 55/043	B23D 55/04
B23D 55/046	B23D 55/04
B23D 55/06	B23D 55/06
B23D 55/065	B23D 55/06
B23D 55/08	B23D 55/08
B23D 55/082	B23D 55/08
B23D 55/084	B23D 55/08
B23D 55/086	B23D 55/08
B23D 55/088	B23D 55/08
B23D 55/10	B23D 55/10
B23D 57/00	B23D 57/00
B23D 57/0007	B23D 57/00
B23D 57/0015	B23D 57/00
B23D 57/0023	B23D 57/00
B23D 57/003	B23D 57/00
B23D 57/0038	B23D 57/00
B23D 57/0046	B23D 57/00
B23D 57/0053	B23D 57/00
B23D 57/0061	B23D 57/00
B23D 57/0069	B23D 57/00
B23D 57/0076	B23D 57/00
B23D 57/0084	B23D 57/00

CPC Group	IPC Group
B23D 57/0092	B23D 57/00
B23D 57/02	B23D 57/02
B23D 57/023	B23D 57/02
B23D 57/026	B23D 57/02
B23D 59/00	B23D 59/00
B23D 59/001	B23D 59/00
B23D 59/002	B23D 59/00
B23D 59/003	B23D 59/00
B23D 59/005	B23D 59/00
B23D 59/006	B23D 59/00
B23D 59/007	B23D 59/00
B23D 59/008	B23D 59/00
B23D 59/02	B23D 59/02
B23D 59/025	B23D 59/02
B23D 59/04	B23D 59/04
B23D 61/00	B23D 61/00
B23D 61/003	B23D 61/00
B23D 61/006	B23D 61/00
B23D 61/02	B23D 61/02
B23D 61/021	B23D 61/02
B23D 61/023	B23D 61/02
B23D 61/025	B23D 61/02
B23D 61/026	B23D 61/02
B23D 61/028	B23D 61/02

<b>CPC Group</b>	<b>IPC Group</b>
<b>B23D 61/04</b>	<b>B23D 61/04</b>
<b>B23D 61/06</b>	<b>B23D 61/06</b>
<b>B23D 61/065</b>	<b>B23D 61/06</b>
<b>B23D 61/08</b>	<b>B23D 61/08</b>
<b>B23D 61/10</b>	<b>B23D 61/10</b>
<b>B23D 61/12</b>	<b>B23D 61/12</b>
<b>B23D 61/121</b>	<b>B23D 61/12</b>
<b>B23D 61/122</b>	<b>B23D 61/12</b>
<b>B23D 61/123</b>	<b>B23D 61/12</b>
<b>B23D 61/125</b>	<b>B23D 61/12</b>
<b>B23D 61/126</b>	<b>B23D 61/12</b>
<b>B23D 61/127</b>	<b>B23D 61/12</b>
<b>B23D 61/128</b>	<b>B23D 61/12</b>
<b>B23D 61/14</b>	<b>B23D 61/14</b>
<b>B23D 61/16</b>	<b>B23D 61/16</b>
<b>B23D 61/18</b>	<b>B23D 61/18</b>
<b>B23D 61/185</b>	<b>B23D 61/18</b>
<b>B23D 63/00</b>	<b>B23D 63/00</b>
<b>B23D 63/001</b>	<b>B23D 63/00</b>
<b>B23D 63/003</b>	<b>B23D 63/00</b>
<b>B23D 63/005</b>	<b>B23D 63/00</b>
<b>B23D 63/006</b>	<b>B23D 63/00</b>
<b>B23D 63/008</b>	<b>B23D 63/00</b>
<b>B23D 63/02</b>	<b>B23D 63/02</b>

CPC Group	IPC Group
B23D 63/023	B23D 63/02
B23D 63/026	B23D 63/02
B23D 63/04	B23D 63/04
B23D 63/06	B23D 63/06
B23D 63/08	B23D 63/08
B23D 63/10	B23D 63/10
B23D 63/105	B23D 63/10
B23D 63/12	B23D 63/12
B23D 63/123	B23D 63/12
B23D 63/126	B23D 63/12
B23D 63/14	B23D 63/14
B23D 63/16	B23D 63/16
B23D 63/162	B23D 63/16
B23D 63/164	B23D 63/16
B23D 63/166	B23D 63/16
B23D 63/168	B23D 63/16
B23D 63/18	B23D 63/18
B23D 63/20	B23D 63/20
B23D 63/201	B23D 63/20
B23D 63/203	B23D 63/20
B23D 63/205	B23D 63/20
B23D 63/206	B23D 63/20
B23D 63/208	B23D 63/20
B23D 65/00	B23D 65/00



CPC Group	IPC Group
B23D 65/02	B23D 65/02
B23D 65/04	B23D 65/04
B23D 67/00	B23D 67/00
B23D 67/02	B23D 67/02
B23D 67/04	B23D 67/04
B23D 67/06	B23D 67/06
B23D 67/08	B23D 67/08
B23D 67/10	B23D 67/10
B23D 67/12	B23D 67/12
B23D 69/00	B23D 69/00
B23D 69/02	B23D 69/02
B23D 71/00	B23D 71/00
B23D 71/005	B23D 71/00
B23D 71/02	B23D 71/02
B23D 71/025	B23D 71/02
B23D 71/04	B23D 71/04
B23D 71/06	B23D 71/06
B23D 71/08	B23D 71/08
B23D 71/10	B23D 71/10
B23D 73/00	B23D 73/00
B23D 73/02	B23D 73/02
B23D 73/04	B23D 73/04
B23D 73/06	B23D 73/06
B23D 73/08	B23D 73/08

CPC Group	IPC Group
B23D 73/10	B23D 73/10
B23D 73/12	B23D 73/12
B23D 73/14	B23D 73/14
B23D 75/00	B23D 75/00
B23D 75/005	B23D 75/00
B23D 77/00	B23D 77/00
B23D 77/003	B23D 77/00
B23D 77/006	B23D 77/00
B23D 77/02	B23D 77/02
B23D 77/025	B23D 77/02
B23D 77/04	B23D 77/04
B23D 77/042	B23D 77/04
B23D 77/044	B23D 77/04
B23D 77/046	B23D 77/04
B23D 77/048	B23D 77/04
B23D 77/06	B23D 77/06
B23D 77/08	B23D 77/08
B23D 77/10	B23D 77/10
B23D 77/12	B23D 77/12
B23D 77/14	B23D 77/14
B23D 79/00	B23D 79/00
B23D 79/005	B23D 79/00
B23D 79/02	B23D 79/02
B23D 79/021	B23D 79/02

CPC Group	IPC Group
B23D 79/023	B23D 79/02
B23D 79/025	B23D 79/02
B23D 79/026	B23D 79/02
B23D 79/028	B23D 79/02
B23D 79/04	B23D 79/04
B23D 79/06	B23D 79/06
B23D 79/08	B23D 79/08
B23D 79/10	B23D 79/10
B23D 79/12	B23D 79/12
B23D 81/00	B23D 81/00
B23D 2277/00	—
B23D 2277/02	—
B23D 2277/04	—
B23D 2277/06	—
B23D 2277/061	—
B23D 2277/062	—
B23D 2277/063	—
B23D 2277/064	—
B23D 2277/065	—
B23D 2277/066	—
B23D 2277/067	—
B23D 2277/068	—
B23D 2277/08	—
B23D 2277/081	—

CPC Group	IPC Group
B23D 2277/083	—
B23D 2277/085	—
B23D 2277/086	—
B23D 2277/088	—
B23D 2277/10	—
B23D 2277/105	—
B23D 2277/12	—
B23D 2277/14	—
B23D 2277/16	—
B23D 2277/20	—
B23D 2277/201	—
B23D 2277/202	—
B23D 2277/203	—
B23D 2277/204	—
B23D 2277/205	—
B23D 2277/206	—
B23D 2277/207	—
B23D 2277/208	—
B23D 2277/24	—
B23D 2277/2407	—
B23D 2277/2414	—
B23D 2277/2421	—
B23D 2277/2428	—
B23D 2277/2435	—

CPC Group	IPC Group
B23D 2277/2442	—
B23D 2277/245	—
B23D 2277/2457	—
B23D 2277/2464	—
B23D 2277/2471	—
B23D 2277/2478	—
B23D 2277/2485	—
B23D 2277/2492	—
B23D 2277/26	—
B23D 2277/28	—
B23D 2277/30	—
B23D 2277/32	—
B23D 2277/34	—
B23D 2277/36	—
B23D 2277/38	—
B23D 2277/40	—
B23D 2277/42	—
B23D 2277/44	—
B23D 2277/46	—
B23D 2277/48	—
B23D 2277/50	—
B23D 2277/52	—
B23D 2277/54	—
B23D 2277/56	—

CPC Group	IPC Group
B23D 2277/58	—
B23D 2277/60	—
B23D 2277/62	—
B23D 2277/64	—
B23D 2277/66	—
B23D 2277/68	—
B23D 2277/70	—
B23D 2277/72	—
B23D 2277/74	—
B23D 2277/76	—
B23D 2277/78	—
B23D 2277/80	—
B23D 2277/82	—
B23D 2277/84	—
B23D 2277/86	—