

## CPC to IPC Concordance for Subclass B23F

| CPC Group  | IPC Group |
|------------|-----------|
| B23F 1/00  | B23F 1/00 |
| B23F 1/02  | B23F 1/02 |
| B23F 1/023 | B23F 1/02 |
| B23F 1/026 | B23F 1/02 |
| B23F 1/04  | B23F 1/04 |
| B23F 1/06  | B23F 1/06 |
| B23F 1/065 | B23F 1/06 |
| B23F 1/08  | B23F 1/08 |
| B23F 1/083 | B23F 1/08 |
| B23F 1/086 | B23F 1/08 |
| B23F 3/00  | B23F 3/00 |
| B23F 5/00  | B23F 5/00 |
| B23F 5/02  | B23F 5/02 |
| B23F 5/04  | B23F 5/04 |
| B23F 5/06  | B23F 5/06 |
| B23F 5/065 | B23F 5/06 |
| B23F 5/08  | B23F 5/08 |
| B23F 5/085 | B23F 5/08 |
| B23F 5/10  | B23F 5/10 |
| B23F 5/12  | B23F 5/12 |
| B23F 5/125 | B23F 5/12 |
| B23F 5/14  | B23F 5/14 |
| B23F 5/16  | B23F 5/16 |

| <b>CPC Group</b>  | <b>IPC Group</b> |
|-------------------|------------------|
| <b>B23F 5/163</b> | <b>B23F 5/16</b> |
| <b>B23F 5/166</b> | <b>B23F 5/16</b> |
| <b>B23F 5/18</b>  | <b>B23F 5/18</b> |
| <b>B23F 5/20</b>  | <b>B23F 5/20</b> |
| <b>B23F 5/202</b> | <b>B23F 5/20</b> |
| <b>B23F 5/205</b> | <b>B23F 5/20</b> |
| <b>B23F 5/207</b> | <b>B23F 5/20</b> |
| <b>B23F 5/22</b>  | <b>B23F 5/22</b> |
| <b>B23F 5/24</b>  | <b>B23F 5/24</b> |
| <b>B23F 5/26</b>  | <b>B23F 5/26</b> |
| <b>B23F 5/27</b>  | <b>B23F 5/27</b> |
| <b>B23F 5/28</b>  | <b>B23F 5/28</b> |
| <b>B23F 5/285</b> | <b>B23F 5/28</b> |
| <b>B23F 7/00</b>  | <b>B23F 7/00</b> |
| <b>B23F 9/00</b>  | <b>B23F 9/00</b> |
| <b>B23F 9/003</b> | <b>B23F 9/00</b> |
| <b>B23F 9/006</b> | <b>B23F 9/00</b> |
| <b>B23F 9/02</b>  | <b>B23F 9/02</b> |
| <b>B23F 9/025</b> | <b>B23F 9/02</b> |
| <b>B23F 9/04</b>  | <b>B23F 9/04</b> |
| <b>B23F 9/06</b>  | <b>B23F 9/06</b> |
| <b>B23F 9/07</b>  | <b>B23F 9/07</b> |
| <b>B23F 9/08</b>  | <b>B23F 9/08</b> |
| <b>B23F 9/082</b> | <b>B23F 9/08</b> |

| <b>CPC Group</b>   | <b>IPC Group</b>  |
|--------------------|-------------------|
| <b>B23F 9/084</b>  | <b>B23F 9/08</b>  |
| <b>B23F 9/086</b>  | <b>B23F 9/08</b>  |
| <b>B23F 9/088</b>  | <b>B23F 9/08</b>  |
| <b>B23F 9/10</b>   | <b>B23F 9/10</b>  |
| <b>B23F 9/105</b>  | <b>B23F 9/10</b>  |
| <b>B23F 9/12</b>   | <b>B23F 9/12</b>  |
| <b>B23F 9/14</b>   | <b>B23F 9/14</b>  |
| <b>B23F 11/00</b>  | <b>B23F 11/00</b> |
| <b>B23F 13/00</b>  | <b>B23F 13/00</b> |
| <b>B23F 13/003</b> | <b>B23F 13/00</b> |
| <b>B23F 13/006</b> | <b>B23F 13/00</b> |
| <b>B23F 13/02</b>  | <b>B23F 13/02</b> |
| <b>B23F 13/04</b>  | <b>B23F 13/04</b> |
| <b>B23F 13/06</b>  | <b>B23F 13/06</b> |
| <b>B23F 13/08</b>  | <b>B23F 13/08</b> |
| <b>B23F 15/00</b>  | <b>B23F 15/00</b> |
| <b>B23F 15/005</b> | <b>B23F 15/00</b> |
| <b>B23F 15/02</b>  | <b>B23F 15/02</b> |
| <b>B23F 15/04</b>  | <b>B23F 15/04</b> |
| <b>B23F 15/06</b>  | <b>B23F 15/06</b> |
| <b>B23F 15/08</b>  | <b>B23F 15/08</b> |
| <b>B23F 17/00</b>  | <b>B23F 17/00</b> |
| <b>B23F 17/001</b> | <b>B23F 17/00</b> |
| <b>B23F 17/003</b> | <b>B23F 17/00</b> |

| CPC Group   | IPC Group  |
|-------------|------------|
| B23F 17/005 | B23F 17/00 |
| B23F 17/006 | B23F 17/00 |
| B23F 17/008 | B23F 17/00 |
| B23F 19/00  | B23F 19/00 |
| B23F 19/002 | B23F 19/00 |
| B23F 19/005 | B23F 19/00 |
| B23F 19/007 | B23F 19/00 |
| B23F 19/02  | B23F 19/02 |
| B23F 19/025 | B23F 19/02 |
| B23F 19/04  | B23F 19/04 |
| B23F 19/045 | B23F 19/04 |
| B23F 19/05  | B23F 19/05 |
| B23F 19/052 | B23F 19/05 |
| B23F 19/055 | B23F 19/05 |
| B23F 19/057 | B23F 19/05 |
| B23F 19/06  | B23F 19/06 |
| B23F 19/063 | B23F 19/06 |
| B23F 19/066 | B23F 19/06 |
| B23F 19/10  | B23F 19/10 |
| B23F 19/101 | B23F 19/10 |
| B23F 19/102 | B23F 19/10 |
| B23F 19/104 | B23F 19/10 |
| B23F 19/105 | B23F 19/10 |
| B23F 19/107 | B23F 19/10 |

| CPC Group   | IPC Group  |
|-------------|------------|
| B23F 19/108 | B23F 19/10 |
| B23F 19/12  | B23F 19/12 |
| B23F 19/125 | B23F 19/12 |
| B23F 21/00  | B23F 21/00 |
| B23F 21/005 | B23F 21/00 |
| B23F 21/02  | B23F 21/02 |
| B23F 21/023 | B23F 21/02 |
| B23F 21/026 | B23F 21/02 |
| B23F 21/03  | B23F 21/03 |
| B23F 21/035 | B23F 21/03 |
| B23F 21/04  | B23F 21/04 |
| B23F 21/043 | B23F 21/04 |
| B23F 21/046 | B23F 21/04 |
| B23F 21/06  | B23F 21/06 |
| B23F 21/063 | B23F 21/06 |
| B23F 21/066 | B23F 21/06 |
| B23F 21/08  | B23F 21/08 |
| B23F 21/083 | B23F 21/08 |
| B23F 21/086 | B23F 21/08 |
| B23F 21/10  | B23F 21/10 |
| B23F 21/103 | B23F 21/10 |
| B23F 21/106 | B23F 21/10 |
| B23F 21/12  | B23F 21/12 |
| B23F 21/122 | B23F 21/12 |

| CPC Group   | IPC Group  |
|-------------|------------|
| B23F 21/124 | B23F 21/12 |
| B23F 21/126 | B23F 21/12 |
| B23F 21/128 | B23F 21/12 |
| B23F 21/14  | B23F 21/14 |
| B23F 21/143 | B23F 21/14 |
| B23F 21/146 | B23F 21/14 |
| B23F 21/16  | B23F 21/16 |
| B23F 21/163 | B23F 21/16 |
| B23F 21/166 | B23F 21/16 |
| B23F 21/18  | B23F 21/18 |
| B23F 21/183 | B23F 21/18 |
| B23F 21/186 | B23F 21/18 |
| B23F 21/20  | B23F 21/20 |
| B23F 21/203 | B23F 21/20 |
| B23F 21/206 | B23F 21/20 |
| B23F 21/22  | B23F 21/22 |
| B23F 21/223 | B23F 21/22 |
| B23F 21/226 | B23F 21/22 |
| B23F 21/23  | B23F 21/23 |
| B23F 21/233 | B23F 21/23 |
| B23F 21/236 | B23F 21/23 |
| B23F 21/24  | B23F 21/24 |
| B23F 21/241 | B23F 21/24 |
| B23F 21/243 | B23F 21/24 |

| CPC Group    | IPC Group  |
|--------------|------------|
| B23F 21/245  | B23F 21/24 |
| B23F 21/246  | B23F 21/24 |
| B23F 21/248  | B23F 21/24 |
| B23F 21/26   | B23F 21/26 |
| B23F 21/262  | B23F 21/26 |
| B23F 21/264  | B23F 21/26 |
| B23F 21/266  | B23F 21/26 |
| B23F 21/268  | B23F 21/26 |
| B23F 21/28   | B23F 21/28 |
| B23F 21/282  | B23F 21/28 |
| B23F 21/284  | B23F 21/28 |
| B23F 21/286  | B23F 21/28 |
| B23F 21/288  | B23F 21/28 |
| B23F 23/00   | B23F 23/00 |
| B23F 23/003  | B23F 23/00 |
| B23F 23/006  | B23F 23/00 |
| B23F 23/02   | B23F 23/02 |
| B23F 23/04   | B23F 23/04 |
| B23F 23/06   | B23F 23/06 |
| B23F 23/08   | B23F 23/08 |
| B23F 23/085  | B23F 23/08 |
| B23F 23/10   | B23F 23/10 |
| B23F 23/12   | B23F 23/12 |
| B23F 23/1206 | B23F 23/12 |

| <b>CPC Group</b>    | <b>IPC Group</b>  |
|---------------------|-------------------|
| <b>B23F 23/1212</b> | <b>B23F 23/12</b> |
| <b>B23F 23/1218</b> | <b>B23F 23/12</b> |
| <b>B23F 23/1225</b> | <b>B23F 23/12</b> |
| <b>B23F 23/1231</b> | <b>B23F 23/12</b> |
| <b>B23F 23/1237</b> | <b>B23F 23/12</b> |
| <b>B23F 23/1243</b> | <b>B23F 23/12</b> |
| <b>B23F 23/125</b>  | <b>B23F 23/12</b> |
| <b>B23F 23/1256</b> | <b>B23F 23/12</b> |
| <b>B23F 23/1262</b> | <b>B23F 23/12</b> |
| <b>B23F 23/1268</b> | <b>B23F 23/12</b> |
| <b>B23F 23/1275</b> | <b>B23F 23/12</b> |
| <b>B23F 23/1281</b> | <b>B23F 23/12</b> |
| <b>B23F 23/1287</b> | <b>B23F 23/12</b> |
| <b>B23F 23/1293</b> | <b>B23F 23/12</b> |