

## CPC to IPC Concordance for Subclass B23B

| CPC Group  | IPC Group |
|------------|-----------|
| B23B 1/00  | B23B 1/00 |
| B23B 3/00  | B23B 3/00 |
| B23B 3/02  | B23B 3/02 |
| B23B 3/04  | B23B 3/04 |
| B23B 3/06  | B23B 3/06 |
| B23B 3/065 | B23B 3/06 |
| B23B 3/08  | B23B 3/08 |
| B23B 3/10  | B23B 3/10 |
| B23B 3/12  | B23B 3/12 |
| B23B 3/14  | B23B 3/14 |
| B23B 3/16  | B23B 3/16 |
| B23B 3/161 | B23B 3/16 |
| B23B 3/162 | B23B 3/16 |
| B23B 3/164 | B23B 3/16 |
| B23B 3/165 | B23B 3/16 |
| B23B 3/167 | B23B 3/16 |
| B23B 3/168 | B23B 3/16 |
| B23B 3/22  | B23B 3/22 |
| B23B 3/24  | B23B 3/24 |
| B23B 3/26  | B23B 3/26 |
| B23B 3/265 | B23B 3/26 |
| B23B 3/30  | B23B 3/30 |
| B23B 3/32  | B23B 3/32 |

| CPC Group  | IPC Group |
|------------|-----------|
| B23B 3/34  | B23B 3/34 |
| B23B 3/36  | B23B 3/36 |
| B23B 5/00  | B23B 5/00 |
| B23B 5/02  | B23B 5/02 |
| B23B 5/04  | B23B 5/04 |
| B23B 5/06  | B23B 5/06 |
| B23B 5/08  | B23B 5/08 |
| B23B 5/10  | B23B 5/10 |
| B23B 5/12  | B23B 5/12 |
| B23B 5/14  | B23B 5/14 |
| B23B 5/16  | B23B 5/16 |
| B23B 5/161 | B23B 5/16 |
| B23B 5/162 | B23B 5/16 |
| B23B 5/163 | B23B 5/16 |
| B23B 5/165 | B23B 5/16 |
| B23B 5/166 | B23B 5/16 |
| B23B 5/167 | B23B 5/16 |
| B23B 5/168 | B23B 5/16 |
| B23B 5/18  | B23B 5/18 |
| B23B 5/20  | B23B 5/20 |
| B23B 5/26  | B23B 5/26 |
| B23B 5/28  | B23B 5/28 |
| B23B 5/32  | B23B 5/32 |
| B23B 5/36  | B23B 5/36 |

| CPC Group   | IPC Group  |
|-------------|------------|
| B23B 5/365  | B23B 5/36  |
| B23B 5/38   | B23B 5/38  |
| B23B 5/40   | B23B 5/40  |
| B23B 5/46   | B23B 5/46  |
| B23B 5/48   | B23B 5/48  |
| B23B 7/00   | B23B 7/00  |
| B23B 7/02   | B23B 7/02  |
| B23B 7/04   | B23B 7/04  |
| B23B 7/06   | B23B 7/06  |
| B23B 7/10   | B23B 7/10  |
| B23B 7/12   | B23B 7/12  |
| B23B 9/00   | B23B 9/00  |
| B23B 9/005  | B23B 9/00  |
| B23B 9/02   | B23B 9/02  |
| B23B 9/08   | B23B 9/08  |
| B23B 11/00  | B23B 11/00 |
| B23B 13/00  | B23B 13/00 |
| B23B 13/02  | B23B 13/02 |
| B23B 13/021 | B23B 13/02 |
| B23B 13/022 | B23B 13/02 |
| B23B 13/024 | B23B 13/02 |
| B23B 13/025 | B23B 13/02 |
| B23B 13/027 | B23B 13/02 |
| B23B 13/028 | B23B 13/02 |

| CPC Group   | IPC Group  |
|-------------|------------|
| B23B 13/04  | B23B 13/04 |
| B23B 13/06  | B23B 13/06 |
| B23B 13/08  | B23B 13/08 |
| B23B 13/10  | B23B 13/10 |
| B23B 13/12  | B23B 13/12 |
| B23B 13/121 | B23B 13/12 |
| B23B 13/123 | B23B 13/12 |
| B23B 13/125 | B23B 13/12 |
| B23B 13/126 | B23B 13/12 |
| B23B 13/128 | B23B 13/12 |
| B23B 23/00  | B23B 23/00 |
| B23B 23/005 | B23B 23/00 |
| B23B 23/02  | B23B 23/02 |
| B23B 23/025 | B23B 23/02 |
| B23B 23/04  | B23B 23/04 |
| B23B 23/045 | B23B 23/04 |
| B23B 25/00  | B23B 25/00 |
| B23B 25/02  | B23B 25/02 |
| B23B 25/04  | B23B 25/04 |
| B23B 25/06  | B23B 25/06 |
| B23B 25/065 | B23B 25/06 |
| B23B 27/00  | B23B 27/00 |
| B23B 27/002 | B23B 27/00 |
| B23B 27/005 | B23B 27/00 |

| CPC Group    | IPC Group  |
|--------------|------------|
| B23B 27/007  | B23B 27/00 |
| B23B 27/02   | B23B 27/02 |
| B23B 27/04   | B23B 27/04 |
| B23B 27/045  | B23B 27/04 |
| B23B 27/06   | B23B 27/06 |
| B23B 27/065  | B23B 27/06 |
| B23B 27/08   | B23B 27/08 |
| B23B 27/083  | B23B 27/08 |
| B23B 27/086  | B23B 27/08 |
| B23B 27/10   | B23B 27/10 |
| B23B 27/12   | B23B 27/12 |
| B23B 27/14   | B23B 27/14 |
| B23B 27/141  | B23B 27/14 |
| B23B 27/143  | B23B 27/14 |
| B23B 27/145  | B23B 27/14 |
| B23B 27/146  | B23B 27/14 |
| B23B 27/148  | B23B 27/14 |
| B23B 27/16   | B23B 27/16 |
| B23B 27/1603 | B23B 27/16 |
| B23B 27/1607 | B23B 27/16 |
| B23B 27/1611 | B23B 27/16 |
| B23B 27/1614 | B23B 27/16 |
| B23B 27/1618 | B23B 27/16 |
| B23B 27/1622 | B23B 27/16 |

| CPC Group    | IPC Group  |
|--------------|------------|
| B23B 27/1625 | B23B 27/16 |
| B23B 27/1629 | B23B 27/16 |
| B23B 27/1633 | B23B 27/16 |
| B23B 27/1637 | B23B 27/16 |
| B23B 27/164  | B23B 27/16 |
| B23B 27/1644 | B23B 27/16 |
| B23B 27/1648 | B23B 27/16 |
| B23B 27/1651 | B23B 27/16 |
| B23B 27/1655 | B23B 27/16 |
| B23B 27/1659 | B23B 27/16 |
| B23B 27/1662 | B23B 27/16 |
| B23B 27/1666 | B23B 27/16 |
| B23B 27/167  | B23B 27/16 |
| B23B 27/1674 | B23B 27/16 |
| B23B 27/1677 | B23B 27/16 |
| B23B 27/1681 | B23B 27/16 |
| B23B 27/1685 | B23B 27/16 |
| B23B 27/1688 | B23B 27/16 |
| B23B 27/1692 | B23B 27/16 |
| B23B 27/1696 | B23B 27/16 |
| B23B 27/18   | B23B 27/18 |
| B23B 27/20   | B23B 27/20 |
| B23B 27/22   | B23B 27/22 |
| B23B 27/24   | B23B 27/24 |

| CPC Group     | IPC Group   |
|---------------|-------------|
| B23B 29/00    | B23B 29/00  |
| B23B 29/02    | B23B 29/02  |
| B23B 29/022   | B23B 29/02  |
| B23B 29/025   | B23B 29/02  |
| B23B 29/027   | B23B 29/02  |
| B23B 29/03    | B23B 29/03  |
| B23B 29/034   | B23B 29/034 |
| B23B 29/03403 | B23B 29/034 |
| B23B 29/03407 | B23B 29/034 |
| B23B 29/0341  | B23B 29/034 |
| B23B 29/03414 | B23B 29/034 |
| B23B 29/03417 | B23B 29/034 |
| B23B 29/03421 | B23B 29/034 |
| B23B 29/03425 | B23B 29/034 |
| B23B 29/03428 | B23B 29/034 |
| B23B 29/03432 | B23B 29/034 |
| B23B 29/03435 | B23B 29/034 |
| B23B 29/03439 | B23B 29/034 |
| B23B 29/03442 | B23B 29/034 |
| B23B 29/03446 | B23B 29/034 |
| B23B 29/0345  | B23B 29/034 |
| B23B 29/03453 | B23B 29/034 |
| B23B 29/03457 | B23B 29/034 |
| B23B 29/0346  | B23B 29/034 |

| CPC Group     | IPC Group   |
|---------------|-------------|
| B23B 29/03464 | B23B 29/034 |
| B23B 29/03467 | B23B 29/034 |
| B23B 29/03471 | B23B 29/034 |
| B23B 29/03475 | B23B 29/034 |
| B23B 29/03478 | B23B 29/034 |
| B23B 29/03482 | B23B 29/034 |
| B23B 29/03485 | B23B 29/034 |
| B23B 29/03489 | B23B 29/034 |
| B23B 29/03492 | B23B 29/034 |
| B23B 29/03496 | B23B 29/034 |
| B23B 29/04    | B23B 29/04  |
| B23B 29/043   | B23B 29/04  |
| B23B 29/046   | B23B 29/04  |
| B23B 29/06    | B23B 29/06  |
| B23B 29/08    | B23B 29/08  |
| B23B 29/10    | B23B 29/10  |
| B23B 29/12    | B23B 29/12  |
| B23B 29/125   | B23B 29/12  |
| B23B 29/14    | B23B 29/14  |
| B23B 29/16    | B23B 29/16  |
| B23B 29/18    | B23B 29/18  |
| B23B 29/20    | B23B 29/20  |
| B23B 29/205   | B23B 29/20  |
| B23B 29/22    | B23B 29/22  |



| CPC Group   | IPC Group  |
|-------------|------------|
| B23B 29/24  | B23B 29/24 |
| B23B 29/242 | B23B 29/24 |
| B23B 29/244 | B23B 29/24 |
| B23B 29/246 | B23B 29/24 |
| B23B 29/248 | B23B 29/24 |
| B23B 29/26  | B23B 29/26 |
| B23B 29/28  | B23B 29/28 |
| B23B 29/282 | B23B 29/28 |
| B23B 29/285 | B23B 29/28 |
| B23B 29/287 | B23B 29/28 |
| B23B 29/32  | B23B 29/32 |
| B23B 29/323 | B23B 29/32 |
| B23B 29/326 | B23B 29/32 |
| B23B 29/34  | B23B 29/34 |
| B23B 31/00  | B23B 31/00 |
| B23B 31/001 | B23B 31/00 |
| B23B 31/003 | B23B 31/00 |
| B23B 31/005 | B23B 31/00 |
| B23B 31/006 | B23B 31/00 |
| B23B 31/008 | B23B 31/00 |
| B23B 31/02  | B23B 31/02 |
| B23B 31/021 | B23B 31/02 |
| B23B 31/023 | B23B 31/02 |
| B23B 31/025 | B23B 31/02 |

| <b>CPC Group</b>    | <b>IPC Group</b>   |
|---------------------|--------------------|
| <b>B23B 31/026</b>  | <b>B23B 31/02</b>  |
| <b>B23B 31/028</b>  | <b>B23B 31/02</b>  |
| <b>B23B 31/06</b>   | <b>B23B 31/06</b>  |
| <b>B23B 31/07</b>   | <b>B23B 31/07</b>  |
| <b>B23B 31/08</b>   | <b>B23B 31/08</b>  |
| <b>B23B 31/083</b>  | <b>B23B 31/08</b>  |
| <b>B23B 31/086</b>  | <b>B23B 31/08</b>  |
| <b>B23B 31/10</b>   | <b>B23B 31/10</b>  |
| <b>B23B 31/101</b>  | <b>B23B 31/10</b>  |
| <b>B23B 31/102</b>  | <b>B23B 31/10</b>  |
| <b>B23B 31/103</b>  | <b>B23B 31/103</b> |
| <b>B23B 31/107</b>  | <b>B23B 31/107</b> |
| <b>B23B 31/1071</b> | <b>B23B 31/107</b> |
| <b>B23B 31/1072</b> | <b>B23B 31/107</b> |
| <b>B23B 31/1073</b> | <b>B23B 31/107</b> |
| <b>B23B 31/1074</b> | <b>B23B 31/107</b> |
| <b>B23B 31/1075</b> | <b>B23B 31/107</b> |
| <b>B23B 31/1076</b> | <b>B23B 31/107</b> |
| <b>B23B 31/1077</b> | <b>B23B 31/107</b> |
| <b>B23B 31/1078</b> | <b>B23B 31/107</b> |
| <b>B23B 31/11</b>   | <b>B23B 31/11</b>  |
| <b>B23B 31/1107</b> | <b>B23B 31/11</b>  |
| <b>B23B 31/1115</b> | <b>B23B 31/11</b>  |
| <b>B23B 31/1122</b> | <b>B23B 31/11</b>  |

| CPC Group    | IPC Group   |
|--------------|-------------|
| B23B 31/113  | B23B 31/113 |
| B23B 31/117  | B23B 31/117 |
| B23B 31/1171 | B23B 31/117 |
| B23B 31/1172 | B23B 31/117 |
| B23B 31/1173 | B23B 31/117 |
| B23B 31/1174 | B23B 31/117 |
| B23B 31/1175 | B23B 31/117 |
| B23B 31/1176 | B23B 31/117 |
| B23B 31/1177 | B23B 31/117 |
| B23B 31/1178 | B23B 31/117 |
| B23B 31/1179 | B23B 31/117 |
| B23B 31/12   | B23B 31/12  |
| B23B 31/1207 | B23B 31/12  |
| B23B 31/1215 | B23B 31/12  |
| B23B 31/1223 | B23B 31/12  |
| B23B 31/123  | B23B 31/12  |
| B23B 31/1238 | B23B 31/12  |
| B23B 31/1246 | B23B 31/12  |
| B23B 31/1253 | B23B 31/12  |
| B23B 31/1261 | B23B 31/12  |
| B23B 31/1269 | B23B 31/12  |
| B23B 31/1276 | B23B 31/12  |
| B23B 31/1284 | B23B 31/12  |
| B23B 31/1292 | B23B 31/12  |

| CPC Group     | IPC Group   |
|---------------|-------------|
| B23B 31/14    | B23B 31/14  |
| B23B 31/16    | B23B 31/16  |
| B23B 31/16004 | B23B 31/163 |
| B23B 31/16008 | B23B 31/163 |
| B23B 31/16012 | B23B 31/163 |
| B23B 31/16016 | B23B 31/163 |
| B23B 31/1602  | B23B 31/163 |
| B23B 31/16025 | B23B 31/163 |
| B23B 31/16029 | B23B 31/163 |
| B23B 31/16033 | B23B 31/163 |
| B23B 31/16037 | B23B 31/163 |
| B23B 31/16041 | B23B 31/163 |
| B23B 31/16045 | B23B 31/16  |
| B23B 31/1605  | B23B 31/16  |
| B23B 31/16054 | B23B 31/16  |
| B23B 31/16058 | B23B 31/16  |
| B23B 31/16062 | B23B 31/16  |
| B23B 31/16066 | B23B 31/16  |
| B23B 31/1607  | B23B 31/16  |
| B23B 31/16075 | B23B 31/16  |
| B23B 31/16079 | B23B 31/16  |
| B23B 31/16083 | B23B 31/16  |
| B23B 31/16087 | B23B 31/16  |
| B23B 31/16091 | B23B 31/16  |

| CPC Group     | IPC Group   |
|---------------|-------------|
| B23B 31/16095 | B23B 31/16  |
| B23B 31/161   | B23B 31/16  |
| B23B 31/16104 | B23B 31/16  |
| B23B 31/16108 | B23B 31/16  |
| B23B 31/16112 | B23B 31/16  |
| B23B 31/16116 | B23B 31/16  |
| B23B 31/1612  | B23B 31/171 |
| B23B 31/16125 | B23B 31/171 |
| B23B 31/16129 | B23B 31/171 |
| B23B 31/16133 | B23B 31/171 |
| B23B 31/16137 | B23B 31/171 |
| B23B 31/16141 | B23B 31/171 |
| B23B 31/16145 | B23B 31/171 |
| B23B 31/1615  | B23B 31/171 |
| B23B 31/16154 | B23B 31/171 |
| B23B 31/16158 | B23B 31/173 |
| B23B 31/16162 | B23B 31/173 |
| B23B 31/16166 | B23B 31/173 |
| B23B 31/1617  | B23B 31/173 |
| B23B 31/16175 | B23B 31/173 |
| B23B 31/16179 | B23B 31/173 |
| B23B 31/16183 | B23B 31/173 |
| B23B 31/16187 | B23B 31/173 |
| B23B 31/16191 | B23B 31/173 |

| <b>CPC Group</b>     | <b>IPC Group</b>   |
|----------------------|--------------------|
| <b>B23B 31/16195</b> | <b>B23B 31/175</b> |
| <b>B23B 31/162</b>   | <b>B23B 31/175</b> |
| <b>B23B 31/16204</b> | <b>B23B 31/175</b> |
| <b>B23B 31/16208</b> | <b>B23B 31/175</b> |
| <b>B23B 31/16212</b> | <b>B23B 31/175</b> |
| <b>B23B 31/16216</b> | <b>B23B 31/175</b> |
| <b>B23B 31/1622</b>  | <b>B23B 31/175</b> |
| <b>B23B 31/16225</b> | <b>B23B 31/175</b> |
| <b>B23B 31/16229</b> | <b>B23B 31/175</b> |
| <b>B23B 31/16233</b> | <b>B23B 31/177</b> |
| <b>B23B 31/16237</b> | <b>B23B 31/177</b> |
| <b>B23B 31/16241</b> | <b>B23B 31/177</b> |
| <b>B23B 31/16245</b> | <b>B23B 31/177</b> |
| <b>B23B 31/1625</b>  | <b>B23B 31/177</b> |
| <b>B23B 31/16254</b> | <b>B23B 31/177</b> |
| <b>B23B 31/16258</b> | <b>B23B 31/177</b> |
| <b>B23B 31/16262</b> | <b>B23B 31/177</b> |
| <b>B23B 31/16266</b> | <b>B23B 31/177</b> |
| <b>B23B 31/1627</b>  | <b>B23B 31/16</b>  |
| <b>B23B 31/16275</b> | <b>B23B 31/16</b>  |
| <b>B23B 31/16279</b> | <b>B23B 31/16</b>  |
| <b>B23B 31/16283</b> | <b>B23B 31/16</b>  |
| <b>B23B 31/16287</b> | <b>B23B 31/16</b>  |
| <b>B23B 31/16291</b> | <b>B23B 31/16</b>  |

| <b>CPC Group</b>     | <b>IPC Group</b>  |
|----------------------|-------------------|
| <b>B23B 31/16295</b> | <b>B23B 31/16</b> |
| <b>B23B 31/18</b>    | <b>B23B 31/18</b> |
| <b>B23B 31/185</b>   | <b>B23B 31/18</b> |
| <b>B23B 31/19</b>    | <b>B23B 31/19</b> |
| <b>B23B 31/20</b>    | <b>B23B 31/20</b> |
| <b>B23B 31/201</b>   | <b>B23B 31/20</b> |
| <b>B23B 31/202</b>   | <b>B23B 31/20</b> |
| <b>B23B 31/204</b>   | <b>B23B 31/20</b> |
| <b>B23B 31/205</b>   | <b>B23B 31/20</b> |
| <b>B23B 31/207</b>   | <b>B23B 31/20</b> |
| <b>B23B 31/208</b>   | <b>B23B 31/20</b> |
| <b>B23B 31/22</b>    | <b>B23B 31/22</b> |
| <b>B23B 31/223</b>   | <b>B23B 31/22</b> |
| <b>B23B 31/226</b>   | <b>B23B 31/22</b> |
| <b>B23B 31/24</b>    | <b>B23B 31/24</b> |
| <b>B23B 31/26</b>    | <b>B23B 31/26</b> |
| <b>B23B 31/261</b>   | <b>B23B 31/26</b> |
| <b>B23B 31/263</b>   | <b>B23B 31/26</b> |
| <b>B23B 31/265</b>   | <b>B23B 31/26</b> |
| <b>B23B 31/266</b>   | <b>B23B 31/26</b> |
| <b>B23B 31/268</b>   | <b>B23B 31/26</b> |
| <b>B23B 31/28</b>    | <b>B23B 31/28</b> |
| <b>B23B 31/30</b>    | <b>B23B 31/30</b> |
| <b>B23B 31/302</b>   | <b>B23B 31/30</b> |

| CPC Group    | IPC Group  |
|--------------|------------|
| B23B 31/305  | B23B 31/30 |
| B23B 31/307  | B23B 31/30 |
| B23B 31/32   | B23B 31/32 |
| B23B 31/34   | B23B 31/34 |
| B23B 31/36   | B23B 31/36 |
| B23B 31/38   | B23B 31/38 |
| B23B 31/39   | B23B 31/39 |
| B23B 31/40   | B23B 31/40 |
| B23B 31/4006 | B23B 31/40 |
| B23B 31/4013 | B23B 31/40 |
| B23B 31/402  | B23B 31/40 |
| B23B 31/4026 | B23B 31/40 |
| B23B 31/4033 | B23B 31/40 |
| B23B 31/404  | B23B 31/40 |
| B23B 31/4046 | B23B 31/40 |
| B23B 31/4053 | B23B 31/40 |
| B23B 31/406  | B23B 31/40 |
| B23B 31/4066 | B23B 31/40 |
| B23B 31/4073 | B23B 31/40 |
| B23B 31/408  | B23B 31/40 |
| B23B 31/4086 | B23B 31/40 |
| B23B 31/4093 | B23B 31/40 |
| B23B 31/42   | B23B 31/42 |
| B23B 33/00   | B23B 33/00 |



| <b>CPC Group</b>   | <b>IPC Group</b>  |
|--------------------|-------------------|
| <b>B23B 33/005</b> | <b>B23B 33/00</b> |
| <b>B23B 35/00</b>  | <b>B23B 35/00</b> |
| <b>B23B 35/005</b> | <b>B23B 35/00</b> |
| <b>B23B 37/00</b>  | <b>B23B 37/00</b> |
| <b>B23B 39/00</b>  | <b>B23B 39/00</b> |
| <b>B23B 39/003</b> | <b>B23B 39/00</b> |
| <b>B23B 39/006</b> | <b>B23B 39/00</b> |
| <b>B23B 39/02</b>  | <b>B23B 39/02</b> |
| <b>B23B 39/04</b>  | <b>B23B 39/04</b> |
| <b>B23B 39/06</b>  | <b>B23B 39/06</b> |
| <b>B23B 39/08</b>  | <b>B23B 39/08</b> |
| <b>B23B 39/10</b>  | <b>B23B 39/10</b> |
| <b>B23B 39/12</b>  | <b>B23B 39/12</b> |
| <b>B23B 39/14</b>  | <b>B23B 39/14</b> |
| <b>B23B 39/16</b>  | <b>B23B 39/16</b> |
| <b>B23B 39/161</b> | <b>B23B 39/16</b> |
| <b>B23B 39/162</b> | <b>B23B 39/16</b> |
| <b>B23B 39/163</b> | <b>B23B 39/16</b> |
| <b>B23B 39/165</b> | <b>B23B 39/16</b> |
| <b>B23B 39/166</b> | <b>B23B 39/16</b> |
| <b>B23B 39/167</b> | <b>B23B 39/16</b> |
| <b>B23B 39/168</b> | <b>B23B 39/16</b> |
| <b>B23B 39/18</b>  | <b>B23B 39/18</b> |
| <b>B23B 39/20</b>  | <b>B23B 39/20</b> |

| CPC Group   | IPC Group  |
|-------------|------------|
| B23B 39/205 | B23B 39/20 |
| B23B 39/22  | B23B 39/22 |
| B23B 39/24  | B23B 39/24 |
| B23B 39/26  | B23B 39/26 |
| B23B 39/28  | B23B 39/28 |
| B23B 41/00  | B23B 41/00 |
| B23B 41/003 | B23B 41/00 |
| B23B 41/006 | B23B 41/00 |
| B23B 41/02  | B23B 41/02 |
| B23B 41/04  | B23B 41/04 |
| B23B 41/06  | B23B 41/06 |
| B23B 41/10  | B23B 41/10 |
| B23B 41/12  | B23B 41/12 |
| B23B 41/14  | B23B 41/14 |
| B23B 41/16  | B23B 41/16 |
| B23B 43/00  | B23B 43/00 |
| B23B 43/02  | B23B 43/02 |
| B23B 45/00  | B23B 45/00 |
| B23B 45/001 | B23B 45/00 |
| B23B 45/003 | B23B 45/00 |
| B23B 45/005 | B23B 45/00 |
| B23B 45/006 | B23B 45/00 |
| B23B 45/008 | B23B 45/00 |
| B23B 45/02  | B23B 45/02 |

| <b>CPC Group</b>   | <b>IPC Group</b>  |
|--------------------|-------------------|
| <b>B23B 45/04</b>  | <b>B23B 45/04</b> |
| <b>B23B 45/042</b> | <b>B23B 45/04</b> |
| <b>B23B 45/044</b> | <b>B23B 45/04</b> |
| <b>B23B 45/046</b> | <b>B23B 45/04</b> |
| <b>B23B 45/048</b> | <b>B23B 45/04</b> |
| <b>B23B 45/06</b>  | <b>B23B 45/06</b> |
| <b>B23B 45/08</b>  | <b>B23B 45/08</b> |
| <b>B23B 45/10</b>  | <b>B23B 45/10</b> |
| <b>B23B 45/12</b>  | <b>B23B 45/12</b> |
| <b>B23B 47/00</b>  | <b>B23B 47/00</b> |
| <b>B23B 47/26</b>  | <b>B23B 47/26</b> |
| <b>B23B 47/28</b>  | <b>B23B 47/28</b> |
| <b>B23B 47/281</b> | <b>B23B 47/28</b> |
| <b>B23B 47/282</b> | <b>B23B 47/28</b> |
| <b>B23B 47/284</b> | <b>B23B 47/28</b> |
| <b>B23B 47/285</b> | <b>B23B 47/28</b> |
| <b>B23B 47/287</b> | <b>B23B 47/28</b> |
| <b>B23B 47/288</b> | <b>B23B 47/28</b> |
| <b>B23B 47/30</b>  | <b>B23B 47/30</b> |
| <b>B23B 47/32</b>  | <b>B23B 47/32</b> |
| <b>B23B 47/34</b>  | <b>B23B 47/34</b> |
| <b>B23B 49/00</b>  | <b>B23B 49/00</b> |
| <b>B23B 49/001</b> | <b>B23B 49/00</b> |
| <b>B23B 49/003</b> | <b>B23B 49/00</b> |

| <b>CPC Group</b>    | <b>IPC Group</b>  |
|---------------------|-------------------|
| <b>B23B 49/005</b>  | <b>B23B 49/00</b> |
| <b>B23B 49/006</b>  | <b>B23B 49/00</b> |
| <b>B23B 49/008</b>  | <b>B23B 49/00</b> |
| <b>B23B 49/02</b>   | <b>B23B 49/02</b> |
| <b>B23B 49/023</b>  | <b>B23B 49/02</b> |
| <b>B23B 49/026</b>  | <b>B23B 49/02</b> |
| <b>B23B 49/04</b>   | <b>B23B 49/04</b> |
| <b>B23B 49/06</b>   | <b>B23B 49/06</b> |
| <b>B23B 51/00</b>   | <b>B23B 51/00</b> |
| <b>B23B 51/0009</b> | <b>B23B 51/00</b> |
| <b>B23B 51/0018</b> | <b>B23B 51/00</b> |
| <b>B23B 51/0027</b> | <b>B23B 51/00</b> |
| <b>B23B 51/0036</b> | <b>B23B 51/00</b> |
| <b>B23B 51/0045</b> | <b>B23B 51/00</b> |
| <b>B23B 51/0054</b> | <b>B23B 51/00</b> |
| <b>B23B 51/0063</b> | <b>B23B 51/00</b> |
| <b>B23B 51/0072</b> | <b>B23B 51/00</b> |
| <b>B23B 51/0081</b> | <b>B23B 51/00</b> |
| <b>B23B 51/009</b>  | <b>B23B 51/00</b> |
| <b>B23B 51/02</b>   | <b>B23B 51/02</b> |
| <b>B23B 51/04</b>   | <b>B23B 51/04</b> |
| <b>B23B 51/0406</b> | <b>B23B 51/04</b> |
| <b>B23B 51/0413</b> | <b>B23B 51/04</b> |
| <b>B23B 51/042</b>  | <b>B23B 51/04</b> |

| <b>CPC Group</b>    | <b>IPC Group</b>  |
|---------------------|-------------------|
| <b>B23B 51/0426</b> | <b>B23B 51/04</b> |
| <b>B23B 51/0433</b> | <b>B23B 51/04</b> |
| <b>B23B 51/044</b>  | <b>B23B 51/04</b> |
| <b>B23B 51/0446</b> | <b>B23B 51/04</b> |
| <b>B23B 51/0453</b> | <b>B23B 51/04</b> |
| <b>B23B 51/046</b>  | <b>B23B 51/04</b> |
| <b>B23B 51/0466</b> | <b>B23B 51/04</b> |
| <b>B23B 51/0473</b> | <b>B23B 51/04</b> |
| <b>B23B 51/048</b>  | <b>B23B 51/04</b> |
| <b>B23B 51/0486</b> | <b>B23B 51/04</b> |
| <b>B23B 51/0493</b> | <b>B23B 51/04</b> |
| <b>B23B 51/05</b>   | <b>B23B 51/05</b> |
| <b>B23B 51/06</b>   | <b>B23B 51/06</b> |
| <b>B23B 51/08</b>   | <b>B23B 51/08</b> |
| <b>B23B 51/10</b>   | <b>B23B 51/10</b> |
| <b>B23B 51/101</b>  | <b>B23B 51/10</b> |
| <b>B23B 51/102</b>  | <b>B23B 51/10</b> |
| <b>B23B 51/103</b>  | <b>B23B 51/10</b> |
| <b>B23B 51/104</b>  | <b>B23B 51/10</b> |
| <b>B23B 51/105</b>  | <b>B23B 51/10</b> |
| <b>B23B 51/106</b>  | <b>B23B 51/10</b> |
| <b>B23B 51/107</b>  | <b>B23B 51/10</b> |
| <b>B23B 51/108</b>  | <b>B23B 51/10</b> |
| <b>B23B 51/12</b>   | <b>B23B 51/12</b> |

| CPC Group      | IPC Group  |
|----------------|------------|
| B23B 51/123    | B23B 51/12 |
| B23B 51/126    | B23B 51/12 |
| B23B 51/14     | B23B 51/14 |
| B23B 2200/00   | —          |
| B23B 2200/04   | —          |
| B23B 2200/0404 | —          |
| B23B 2200/0409 | —          |
| B23B 2200/0414 | —          |
| B23B 2200/0419 | —          |
| B23B 2200/0423 | —          |
| B23B 2200/0428 | —          |
| B23B 2200/0433 | —          |
| B23B 2200/0438 | —          |
| B23B 2200/0442 | —          |
| B23B 2200/0447 | —          |
| B23B 2200/0452 | —          |
| B23B 2200/0457 | —          |
| B23B 2200/0461 | —          |
| B23B 2200/0466 | —          |
| B23B 2200/0471 | —          |
| B23B 2200/0476 | —          |
| B23B 2200/048  | —          |
| B23B 2200/0485 | —          |
| B23B 2200/049  | —          |

| CPC Group      | IPC Group |
|----------------|-----------|
| B23B 2200/0495 | —         |
| B23B 2200/08   | —         |
| B23B 2200/081  | —         |
| B23B 2200/082  | —         |
| B23B 2200/083  | —         |
| B23B 2200/085  | —         |
| B23B 2200/086  | —         |
| B23B 2200/087  | —         |
| B23B 2200/088  | —         |
| B23B 2200/12   | —         |
| B23B 2200/121  | —         |
| B23B 2200/123  | —         |
| B23B 2200/125  | —         |
| B23B 2200/126  | —         |
| B23B 2200/128  | —         |
| B23B 2200/16   | —         |
| B23B 2200/161  | —         |
| B23B 2200/162  | —         |
| B23B 2200/163  | —         |
| B23B 2200/164  | —         |
| B23B 2200/165  | —         |
| B23B 2200/166  | —         |
| B23B 2200/167  | —         |
| B23B 2200/168  | —         |

| CPC Group      | IPC Group |
|----------------|-----------|
| B23B 2200/20   | —         |
| B23B 2200/201  | —         |
| B23B 2200/202  | —         |
| B23B 2200/204  | —         |
| B23B 2200/205  | —         |
| B23B 2200/207  | —         |
| B23B 2200/208  | —         |
| B23B 2200/24   | —         |
| B23B 2200/242  | —         |
| B23B 2200/245  | —         |
| B23B 2200/247  | —         |
| B23B 2200/28   | —         |
| B23B 2200/283  | —         |
| B23B 2200/286  | —         |
| B23B 2200/32   | —         |
| B23B 2200/321  | —         |
| B23B 2200/323  | —         |
| B23B 2200/325  | —         |
| B23B 2200/326  | —         |
| B23B 2200/328  | —         |
| B23B 2200/36   | —         |
| B23B 2200/3609 | —         |
| B23B 2200/3618 | —         |
| B23B 2200/3627 | —         |



| CPC Group      | IPC Group |
|----------------|-----------|
| B23B 2200/3636 | —         |
| B23B 2200/3645 | —         |
| B23B 2200/3654 | —         |
| B23B 2200/3663 | —         |
| B23B 2200/3672 | —         |
| B23B 2200/3681 | —         |
| B23B 2200/369  | —         |
| B23B 2205/00   | —         |
| B23B 2205/02   | —         |
| B23B 2205/04   | —         |
| B23B 2205/045  | —         |
| B23B 2205/08   | —         |
| B23B 2205/10   | —         |
| B23B 2205/12   | —         |
| B23B 2205/125  | —         |
| B23B 2205/16   | —         |
| B23B 2205/18   | —         |
| B23B 2205/21   | —         |
| B23B 2205/215  | —         |
| B23B 2210/00   | —         |
| B23B 2210/02   | —         |
| B23B 2210/022  | —         |
| B23B 2210/025  | —         |
| B23B 2210/027  | —         |

| CPC Group     | IPC Group |
|---------------|-----------|
| B23B 2210/04  | —         |
| B23B 2210/06  | —         |
| B23B 2210/08  | —         |
| B23B 2210/12  | —         |
| B23B 2215/00  | —         |
| B23B 2215/04  | —         |
| B23B 2215/08  | —         |
| B23B 2215/10  | —         |
| B23B 2215/12  | —         |
| B23B 2215/16  | —         |
| B23B 2215/20  | —         |
| B23B 2215/24  | —         |
| B23B 2215/242 | —         |
| B23B 2215/245 | —         |
| B23B 2215/247 | —         |
| B23B 2215/28  | —         |
| B23B 2215/32  | —         |
| B23B 2215/36  | —         |
| B23B 2215/40  | —         |
| B23B 2215/56  | —         |
| B23B 2215/60  | —         |
| B23B 2215/64  | —         |
| B23B 2215/68  | —         |
| B23B 2215/72  | —         |

| CPC Group     | IPC Group |
|---------------|-----------|
| B23B 2215/76  | —         |
| B23B 2215/81  | —         |
| B23B 2220/00  | —         |
| B23B 2220/04  | —         |
| B23B 2220/08  | —         |
| B23B 2220/12  | —         |
| B23B 2220/123 | —         |
| B23B 2220/126 | —         |
| B23B 2220/24  | —         |
| B23B 2220/28  | —         |
| B23B 2220/32  | —         |
| B23B 2220/36  | —         |
| B23B 2220/40  | —         |
| B23B 2220/44  | —         |
| B23B 2220/445 | —         |
| B23B 2220/52  | —         |
| B23B 2222/00  | —         |
| B23B 2222/04  | —         |
| B23B 2222/12  | —         |
| B23B 2222/14  | —         |
| B23B 2222/16  | —         |
| B23B 2222/21  | —         |
| B23B 2222/24  | —         |
| B23B 2222/28  | —         |

| CPC Group    | IPC Group |
|--------------|-----------|
| B23B 2222/32 | —         |
| B23B 2222/36 | —         |
| B23B 2222/41 | —         |
| B23B 2222/44 | —         |
| B23B 2222/48 | —         |
| B23B 2222/52 | —         |
| B23B 2222/56 | —         |
| B23B 2222/61 | —         |
| B23B 2222/64 | —         |
| B23B 2222/68 | —         |
| B23B 2222/72 | —         |
| B23B 2222/76 | —         |
| B23B 2222/80 | —         |
| B23B 2222/84 | —         |
| B23B 2222/88 | —         |
| B23B 2222/92 | —         |
| B23B 2222/98 | —         |
| B23B 2224/00 | —         |
| B23B 2224/04 | —         |
| B23B 2224/08 | —         |
| B23B 2224/12 | —         |
| B23B 2224/16 | —         |
| B23B 2224/20 | —         |
| B23B 2224/24 | —         |

| CPC Group     | IPC Group |
|---------------|-----------|
| B23B 2224/28  | —         |
| B23B 2224/32  | —         |
| B23B 2224/36  | —         |
| B23B 2224/40  | —         |
| B23B 2226/00  | —         |
| B23B 2226/04  | —         |
| B23B 2226/09  | —         |
| B23B 2226/12  | —         |
| B23B 2226/125 | —         |
| B23B 2226/15  | —         |
| B23B 2226/18  | —         |
| B23B 2226/27  | —         |
| B23B 2226/275 | —         |
| B23B 2226/31  | —         |
| B23B 2226/315 | —         |
| B23B 2226/33  | —         |
| B23B 2226/36  | —         |
| B23B 2226/39  | —         |
| B23B 2226/42  | —         |
| B23B 2226/45  | —         |
| B23B 2226/48  | —         |
| B23B 2226/54  | —         |
| B23B 2226/57  | —         |
| B23B 2226/61  | —         |

| CPC Group     | IPC Group |
|---------------|-----------|
| B23B 2226/63  | —         |
| B23B 2226/66  | —         |
| B23B 2226/69  | —         |
| B23B 2226/72  | —         |
| B23B 2226/75  | —         |
| B23B 2226/78  | —         |
| B23B 2228/00  | —         |
| B23B 2228/04  | —         |
| B23B 2228/08  | —         |
| B23B 2228/10  | —         |
| B23B 2228/105 | —         |
| B23B 2228/12  | —         |
| B23B 2228/16  | —         |
| B23B 2228/21  | —         |
| B23B 2228/24  | —         |
| B23B 2228/28  | —         |
| B23B 2228/32  | —         |
| B23B 2228/36  | —         |
| B23B 2228/41  | —         |
| B23B 2228/44  | —         |
| B23B 2228/48  | —         |
| B23B 2228/52  | —         |
| B23B 2228/56  | —         |
| B23B 2228/61  | —         |

| CPC Group      | IPC Group |
|----------------|-----------|
| B23B 2229/00   | —         |
| B23B 2229/04   | —         |
| B23B 2229/08   | —         |
| B23B 2229/12   | —         |
| B23B 2229/16   | —         |
| B23B 2231/00   | —         |
| B23B 2231/02   | —         |
| B23B 2231/0204 | —         |
| B23B 2231/0208 | —         |
| B23B 2231/0212 | —         |
| B23B 2231/0216 | —         |
| B23B 2231/022  | —         |
| B23B 2231/0224 | —         |
| B23B 2231/0228 | —         |
| B23B 2231/0232 | —         |
| B23B 2231/0236 | —         |
| B23B 2231/024  | —         |
| B23B 2231/0244 | —         |
| B23B 2231/0248 | —         |
| B23B 2231/0252 | —         |
| B23B 2231/0256 | —         |
| B23B 2231/026  | —         |
| B23B 2231/0264 | —         |
| B23B 2231/0268 | —         |

| CPC Group      | IPC Group |
|----------------|-----------|
| B23B 2231/0272 | —         |
| B23B 2231/0276 | —         |
| B23B 2231/028  | —         |
| B23B 2231/0284 | —         |
| B23B 2231/0288 | —         |
| B23B 2231/0292 | —         |
| B23B 2231/0296 | —         |
| B23B 2231/04   | —         |
| B23B 2231/06   | —         |
| B23B 2231/08   | —         |
| B23B 2231/10   | —         |
| B23B 2231/12   | —         |
| B23B 2231/14   | —         |
| B23B 2231/20   | —         |
| B23B 2231/2002 | —         |
| B23B 2231/2005 | —         |
| B23B 2231/2008 | —         |
| B23B 2231/201  | —         |
| B23B 2231/2013 | —         |
| B23B 2231/2016 | —         |
| B23B 2231/2018 | —         |
| B23B 2231/2021 | —         |
| B23B 2231/2024 | —         |
| B23B 2231/2027 | —         |



| CPC Group      | IPC Group |
|----------------|-----------|
| B23B 2231/2029 | —         |
| B23B 2231/2032 | —         |
| B23B 2231/2035 | —         |
| B23B 2231/2037 | —         |
| B23B 2231/204  | —         |
| B23B 2231/2043 | —         |
| B23B 2231/2045 | —         |
| B23B 2231/2048 | —         |
| B23B 2231/2051 | —         |
| B23B 2231/2054 | —         |
| B23B 2231/2056 | —         |
| B23B 2231/2059 | —         |
| B23B 2231/2062 | —         |
| B23B 2231/2064 | —         |
| B23B 2231/2067 | —         |
| B23B 2231/207  | —         |
| B23B 2231/2072 | —         |
| B23B 2231/2075 | —         |
| B23B 2231/2078 | —         |
| B23B 2231/2081 | —         |
| B23B 2231/2083 | —         |
| B23B 2231/2086 | —         |
| B23B 2231/2089 | —         |
| B23B 2231/2091 | —         |

| CPC Group      | IPC Group |
|----------------|-----------|
| B23B 2231/2094 | —         |
| B23B 2231/2097 | —         |
| B23B 2231/22   | —         |
| B23B 2231/24   | —         |
| B23B 2231/26   | —         |
| B23B 2231/28   | —         |
| B23B 2231/30   | —         |
| B23B 2231/32   | —         |
| B23B 2231/34   | —         |
| B23B 2231/345  | —         |
| B23B 2231/36   | —         |
| B23B 2231/365  | —         |
| B23B 2231/38   | —         |
| B23B 2231/40   | —         |
| B23B 2231/42   | —         |
| B23B 2231/44   | —         |
| B23B 2231/46   | —         |
| B23B 2231/48   | —         |
| B23B 2231/50   | —         |
| B23B 2231/52   | —         |
| B23B 2231/54   | —         |
| B23B 2233/00   | —         |
| B23B 2233/04   | —         |
| B23B 2233/08   | —         |

| CPC Group     | IPC Group |
|---------------|-----------|
| B23B 2233/12  | —         |
| B23B 2233/16  | —         |
| B23B 2233/20  | —         |
| B23B 2233/24  | —         |
| B23B 2233/28  | —         |
| B23B 2233/32  | —         |
| B23B 2235/00  | —         |
| B23B 2235/04  | —         |
| B23B 2235/045 | —         |
| B23B 2235/12  | —         |
| B23B 2235/16  | —         |
| B23B 2235/21  | —         |
| B23B 2240/00  | —         |
| B23B 2240/04  | —         |
| B23B 2240/08  | —         |
| B23B 2240/11  | —         |
| B23B 2240/16  | —         |
| B23B 2240/21  | —         |
| B23B 2240/24  | —         |
| B23B 2240/28  | —         |
| B23B 2240/32  | —         |
| B23B 2240/36  | —         |
| B23B 2247/00  | —         |
| B23B 2247/02  | —         |

| CPC Group     | IPC Group |
|---------------|-----------|
| B23B 2247/04  | —         |
| B23B 2247/06  | —         |
| B23B 2247/08  | —         |
| B23B 2247/10  | —         |
| B23B 2247/12  | —         |
| B23B 2247/14  | —         |
| B23B 2247/16  | —         |
| B23B 2247/18  | —         |
| B23B 2247/20  | —         |
| B23B 2250/00  | —         |
| B23B 2250/04  | —         |
| B23B 2250/08  | —         |
| B23B 2250/12  | —         |
| B23B 2250/125 | —         |
| B23B 2250/16  | —         |
| B23B 2251/00  | —         |
| B23B 2251/02  | —         |
| B23B 2251/04  | —         |
| B23B 2251/043 | —         |
| B23B 2251/046 | —         |
| B23B 2251/08  | —         |
| B23B 2251/082 | —         |
| B23B 2251/085 | —         |
| B23B 2251/087 | —         |

| CPC Group     | IPC Group |
|---------------|-----------|
| B23B 2251/12  | —         |
| B23B 2251/122 | —         |
| B23B 2251/125 | —         |
| B23B 2251/127 | —         |
| B23B 2251/14  | —         |
| B23B 2251/18  | —         |
| B23B 2251/20  | —         |
| B23B 2251/201 | —         |
| B23B 2251/202 | —         |
| B23B 2251/204 | —         |
| B23B 2251/205 | —         |
| B23B 2251/207 | —         |
| B23B 2251/208 | —         |
| B23B 2251/24  | —         |
| B23B 2251/241 | —         |
| B23B 2251/242 | —         |
| B23B 2251/244 | —         |
| B23B 2251/245 | —         |
| B23B 2251/247 | —         |
| B23B 2251/248 | —         |
| B23B 2251/28  | —         |
| B23B 2251/282 | —         |
| B23B 2251/285 | —         |
| B23B 2251/287 | —         |

| CPC Group     | IPC Group |
|---------------|-----------|
| B23B 2251/40  | —         |
| B23B 2251/402 | —         |
| B23B 2251/404 | —         |
| B23B 2251/406 | —         |
| B23B 2251/408 | —         |
| B23B 2251/42  | —         |
| B23B 2251/422 | —         |
| B23B 2251/424 | —         |
| B23B 2251/426 | —         |
| B23B 2251/428 | —         |
| B23B 2251/44  | —         |
| B23B 2251/443 | —         |
| B23B 2251/446 | —         |
| B23B 2251/46  | —         |
| B23B 2251/48  | —         |
| B23B 2251/50  | —         |
| B23B 2251/505 | —         |
| B23B 2251/52  | —         |
| B23B 2251/54  | —         |
| B23B 2251/56  | —         |
| B23B 2251/58  | —         |
| B23B 2251/60  | —         |
| B23B 2251/603 | —         |
| B23B 2251/606 | —         |

| CPC Group      | IPC Group |
|----------------|-----------|
| B23B 2251/62   | —         |
| B23B 2251/64   | —         |
| B23B 2251/66   | —         |
| B23B 2251/68   | —         |
| B23B 2251/70   | —         |
| B23B 2260/00   | —         |
| B23B 2260/002  | —         |
| B23B 2260/004  | —         |
| B23B 2260/0045 | —         |
| B23B 2260/008  | —         |
| B23B 2260/0082 | —         |
| B23B 2260/0085 | —         |
| B23B 2260/0087 | —         |
| B23B 2260/016  | —         |
| B23B 2260/018  | —         |
| B23B 2260/02   | —         |
| B23B 2260/022  | —         |
| B23B 2260/024  | —         |
| B23B 2260/026  | —         |
| B23B 2260/028  | —         |
| B23B 2260/03   | —         |
| B23B 2260/032  | —         |
| B23B 2260/034  | —         |
| B23B 2260/036  | —         |

| CPC Group      | IPC Group |
|----------------|-----------|
| B23B 2260/038  | —         |
| B23B 2260/04   | —         |
| B23B 2260/042  | —         |
| B23B 2260/044  | —         |
| B23B 2260/0445 | —         |
| B23B 2260/048  | —         |
| B23B 2260/0482 | —         |
| B23B 2260/0485 | —         |
| B23B 2260/0487 | —         |
| B23B 2260/056  | —         |
| B23B 2260/058  | —         |
| B23B 2260/062  | —         |
| B23B 2260/0625 | —         |
| B23B 2260/066  | —         |
| B23B 2260/068  | —         |
| B23B 2260/07   | —         |
| B23B 2260/072  | —         |
| B23B 2260/0725 | —         |
| B23B 2260/076  | —         |
| B23B 2260/078  | —         |
| B23B 2260/0785 | —         |
| B23B 2260/082  | —         |
| B23B 2260/084  | —         |
| B23B 2260/088  | —         |



| CPC Group      | IPC Group |
|----------------|-----------|
| B23B 2260/09   | —         |
| B23B 2260/092  | —         |
| B23B 2260/094  | —         |
| B23B 2260/096  | —         |
| B23B 2260/098  | —         |
| B23B 2260/10   | —         |
| B23B 2260/102  | —         |
| B23B 2260/104  | —         |
| B23B 2260/106  | —         |
| B23B 2260/108  | —         |
| B23B 2260/11   | —         |
| B23B 2260/112  | —         |
| B23B 2260/114  | —         |
| B23B 2260/116  | —         |
| B23B 2260/118  | —         |
| B23B 2260/12   | —         |
| B23B 2260/122  | —         |
| B23B 2260/124  | —         |
| B23B 2260/126  | —         |
| B23B 2260/128  | —         |
| B23B 2260/1285 | —         |
| B23B 2260/132  | —         |
| B23B 2260/134  | —         |
| B23B 2260/136  | —         |

| CPC Group      | IPC Group |
|----------------|-----------|
| B23B 2260/138  | —         |
| B23B 2260/1381 | —         |
| B23B 2260/1383 | —         |
| B23B 2260/1385 | —         |
| B23B 2260/1386 | —         |
| B23B 2260/1388 | —         |
| B23B 2260/142  | —         |
| B23B 2260/144  | —         |
| B23B 2260/146  | —         |
| B23B 2260/158  | —         |
| B23B 2265/00   | —         |
| B23B 2265/08   | —         |
| B23B 2265/12   | —         |
| B23B 2265/16   | —         |
| B23B 2265/32   | —         |
| B23B 2265/322  | —         |
| B23B 2265/324  | —         |
| B23B 2265/326  | —         |
| B23B 2265/328  | —         |
| B23B 2265/34   | —         |
| B23B 2265/36   | —         |
| B23B 2270/00   | —         |
| B23B 2270/02   | —         |
| B23B 2270/022  | —         |

| CPC Group     | IPC Group |
|---------------|-----------|
| B23B 2270/025 | —         |
| B23B 2270/027 | —         |
| B23B 2270/04  | —         |
| B23B 2270/06  | —         |
| B23B 2270/08  | —         |
| B23B 2270/09  | —         |
| B23B 2270/10  | —         |
| B23B 2270/12  | —         |
| B23B 2270/14  | —         |
| B23B 2270/16  | —         |
| B23B 2270/20  | —         |
| B23B 2270/205 | —         |
| B23B 2270/22  | —         |
| B23B 2270/24  | —         |
| B23B 2270/26  | —         |
| B23B 2270/28  | —         |
| B23B 2270/30  | —         |
| B23B 2270/32  | —         |
| B23B 2270/34  | —         |
| B23B 2270/36  | —         |
| B23B 2270/38  | —         |
| B23B 2270/48  | —         |
| B23B 2270/483 | —         |
| B23B 2270/486 | —         |

| CPC Group    | IPC Group |
|--------------|-----------|
| B23B 2270/54 | —         |
| B23B 2270/56 | —         |
| B23B 2270/58 | —         |
| B23B 2270/60 | —         |
| B23B 2270/62 | —         |