

Title (en)

Chuck for tool inserts, particularly for screwdriver bits.

Title (de)

Spannfutter für Werkzeugeinsätze, insbesondere Schraubendreherbits.

Title (fr)

Mandrin pour inserts d'outil, en particulier pour lames de tournevis.

Publication

EP 0483703 B1 19950503 (DE)

Application

EP 91118289 A 19911026

Priority

DE 9014997 U 19901031

Abstract (en)

[origin: EP0483703A1] A chuck for tool inserts, particularly for screwdriver bits (11), possesses a base body (4) having a hexagon socket (8) for the hexagonal shank (10) of the screwdriver bit (11). Mounted rotatably on the base body (4) is a coupling sleeve (12) which carries a locking plate (14) projecting, in front of the front end of the base body (4), into the hexagon socket (8). The locking plate (14) possesses a central perforation (15), the outer profile of which corresponds to the cross-sectional profile of the hexagon socket (8). If the coupling sleeve (12) is turned relative to the base body (4) into a release position, the profile of the perforation of the locking plate (14) comes into coincidence with the cross-sectional profile of the hexagon socket (8), so that a screwdriver bit (11) can be inserted or removed. If the coupling sleeve (12) is turned, under the action of a spring (16), into a locking position, the locking plate (14) engages into a catch groove (26) of the shank (10) of the screwdriver bit (11) and holds the latter positively in the hexagon socket (8). <IMAGE>

IPC 1-7

B25B 23/00

IPC 8 full level

B25B 23/00 (2006.01)

CPC (source: EP US)

B25B 23/0035 (2013.01 - EP US); **Y10S 279/904** (2013.01 - EP US); **Y10T 279/17871** (2015.01 - EP US); **Y10T 279/23** (2015.01 - EP US)

Cited by

FR2714322A1; ES2100770A2; BE1006035A5; DE10061461A1; DE10061461B4; DE19610213A1; DE19610213C2; DE102019124557A1; WO2019063504A1; EP0627973B1

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