

Title (en)

Tool for percussive drilling and tool retainer for percussive drilling tools.

Title (de)

Werkzeug zum Schlagbohren und Werkzeugaufnahme für schlagbohende Werkzeuge.

Title (fr)

Outil pour le forage à percussion et porte-outil pour outil de forage à percussion.

Publication

EP 0433876 B1 19931124 (DE)

Application

EP 90124024 A 19901213

Priority

DE 3941646 A 19891216

Abstract (en)

[origin: EP0483112A2] The clamping shank 11 of a tool for percussive drilling has at least two diametrically opposed rotational-driving slots 23, 24 and at least one locking slot 12. The rotational-driving slots 23 and 24 open out in the free end face 20 of the clamping shank 11, so as to be able to introduce the matched rotational drivers 26 and 27, respectively, of a chuck 25 axially into the rotational-driving slots 23 and 24. The locking slot 12 is closed at the end which is adjacent to the free end face 20, in order to prevent the tool from being thrown out upon engagement of a locking member of the chuck. To permit insertion of the clamping shank 11 into the chuck only in one rotational position, the rotational-driving slots 23 and 24 have different cross-sections, their faces 28 and 29, which are under compression when the tool is driven by the respective faces 31 and 32 of the respective rotational drivers 26 and 27, constructed in accordance with the slots 23 and 24, of the chuck 25, are diametrically opposed to one another. <IMAGE>

IPC 1-7

B25D 17/08

IPC 8 full level

B25D 17/08 (2006.01)

CPC (source: EP)

B25D 17/088 (2013.01); **B25D 2217/0034** (2013.01)

Cited by

AU677490B2; EP0542683A1; EP0584706A3; CN1040956C; US5950802A; EP0500489A3; CN106112847A; AU681927B2; US6089798A; CN1062206C; EP0548008A1; DE102005059314B4; EP0483112A2; EP0955131A1; WO9519243A1; WO9519244A1; WO9305929A1

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EP 92101238 A 19901213; DE 3941646 A 19891216; DE 59003616 T 19901213; DK 90124024 T 19901213; EP 90124024 A 19901213