

Title (en)
Variable fastening and/or drilling tool

Title (de)
Variables Schraub- und/oder Bohrwerkzeug

Title (fr)
Outil variable de vissage et/ou perçage

Publication
EP 0968793 A3 20001220 (DE)

Application
EP 99112506 A 19990701

Priority
DE 29811783 U 19980702

Abstract (en)
[origin: EP0968793A2] The shank (2) on its free end (20) is formed as a stepped hexagon (21,22). The sleeve-form shank extension (3) is formed with a stepped hexagonal inner contour (31,32) with different diameters on respective sides of the shank extension. The tool insert holder (4) is constructed externally and internally with a hexagonal contour (42,45). It has a collar or base in its longitudinal centre, acting as a stop for two tool inserts fitted from the two respective ends.

IPC 1-7
B25B 21/00; **B25B 15/00**; **B25B 23/00**; **B25F 1/02**

IPC 8 full level
B25B 15/00 (2006.01); **B25B 21/00** (2006.01); **B25B 23/00** (2006.01); **B25B 23/12** (2006.01); **B25F 1/02** (2006.01); **B25F 5/02** (2006.01); **B25G 1/08** (2006.01)

CPC (source: EP)
B25B 15/001 (2013.01); **B25B 23/0035** (2013.01); **B25B 23/12** (2013.01); **B25F 1/02** (2013.01); **B25F 5/029** (2013.01); **B25G 1/085** (2013.01)

Citation (search report)
• [DA] EP 0743142 A1 19961120 - JORE MATTHEW B [US]
• [A] US 5313680 A 19940524 - RINGLER WILLIAM G [US]
• [DA] EP 0744251 A2 19961127 - BEST WAY TOOLS BY ANDERSON INC [US]
• [A] DE 8815261 U1 19890209
• [A] US 5586847 A 19961224 - MATTERN JR CHARLES J [US], et al

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CN107498494A; DE19958302A1; EP1213097A3; US9885241B2; EP4121242A4; US8322764B2

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