

Title (en)
TOOL HOLDING FIXTURE, ESPECIALLY FOR SCREW DRIVER BITS

Publication
EP 0134975 B1 19870930 (DE)

Application
EP 84107851 A 19840705

Priority
DE 3330486 A 19830824

Abstract (en)
[origin: US4629375A] A chuck for non-circular ends of tool shanks having a bushing forming a chamber corresponding in cross-section to the tool shank and a ball which acts on the shank and is clamped by a spring biased sleeve which forms a wedge against the ball. The ball is mounted in a separate wing which is engaged by the sleeve and is displaceable relative to the bushing so that the ball engages a clamping surface formed by an end ring and the tool shank in a clamping position.

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 279/905** (2013.01 - EP US); **Y10T 279/17752** (2015.01 - EP US); **Y10T 279/17811** (2015.01 - EP US); **Y10T 408/95** (2015.01 - EP US)

Cited by
EP2689895A1; US5188378A; DE10337470A1; EP0221279A3; US7063332B2; US8622401B2; US9067266B2; WO2015165605A1; WO03018263A1; WO9110541A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0134975 A1 19850327; EP 0134975 B1 19870930; AT E29977 T1 19871015; DE 3330486 A1 19850307; DE 3330486 C2 19920409; DE 3466486 D1 19871105; US 4629375 A 19861216

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