

Title (en)

DEVICE FOR GRIPPING AND ABSORBING SHOCKS IN STAMPING TOOLS

Title (de)

AUF SCHLAGWERKZEUGEN ANGEBRACHTE GREIF- UND DÄMPFUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE PREHENSION ET D'AMORTISSEMENT DE CHOCS SUR DES OUTILS DE FRAPPE

Publication

**EP 0711219 A1 19960515 (FR)**

Application

**EP 95920144 A 19950516**

Priority

- FR 9500630 W 19950516
- FR 9406639 A 19940524

Abstract (en)

[origin: WO9532077A1] Gripping device suitable for stamping tools of the type comprising a plastic sleeve fitted to the tool body and characterized by having a plastic sleeve (1) with a flexible structure, and a plurality of ring shapes (1.1), of large diameter, joined together by linking shapes (1.2) with a reduced cross section defining a wavy bellows structure. The gripping device is also characterized in that at the location of each ring, an inner circular projection (1.3) engages with the tool body, and in that the sleeve has at least one inner collar (1.4) engaging with and snapping into the inside of at least one circular groove (2.1) in the tool body.

IPC 1-7

**B25G 1/01**; **B25D 3/00**

IPC 8 full level

**B25D 3/00** (2006.01); **B25G 1/01** (2006.01)

CPC (source: EP US)

**B25D 3/00** (2013.01 - EP US); **B25G 1/01** (2013.01 - EP US); **Y10S 16/12** (2013.01 - US)

Citation (search report)

See references of WO 9532077A1

Cited by

US7210607B2; US6948647B1

Designated contracting state (EPC)

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**WO 9532077 A1 19951130**; AU 2571295 A 19951218; DE 69507262 D1 19990225; DE 69507262 T2 19990527; EP 0711219 A1 19960515; EP 0711219 B1 19990113; ES 2126281 T3 19990316; FR 2720314 A1 19951201; FR 2720314 B1 19960705; JP 3522282 B2 20040426; JP H10508257 A 19980818; US 5730231 A 19980324

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