

Title (en)
PRESS TOOL FOR PRESSING ROTATIONALLY SYMMETRICAL HOLLOW COMPONENTS

Title (de)
Presswerkzeug zum Verpressen von rotationssymmetrischen Hohlkörpern

Title (fr)
OUTIL DE PRESSE POUR SERTIR DES CORPS CREUX A SYMETRIE DE ROTATION

Publication
EP 1106276 A3 20030521 (DE)

Application
EP 00122751 A 20001019

Priority
DE 19958103 A 19991202

Abstract (en)
[origin: DE19958103C1] The press tool has 8 press surfaces (9) displaced radially relative to the press axis (A) in synchronism, via a pair of outer control bodies (3,4), which each have 2 control surfaces (5) at 90 degrees to one another, with the angular bisector between them lying in a symmetry plane (E) passing through the press axis. Each control surface is provided with 2 inner control bodies (7), for acting on the press surfaces, positioned symmetrical to further symmetry planes (E1,E2,E3,E4) at 45 degrees to the first symmetry plane.

IPC 1-7
B21D 39/04; **B25B 27/10**

IPC 8 full level
B21D 39/04 (2006.01); **B21J 7/14** (2006.01); **B21J 13/03** (2006.01); **H01R 43/058** (2006.01)

CPC (source: EP)
B21D 39/048 (2013.01); **B21J 7/14** (2013.01); **B21J 13/03** (2013.01); **B25B 27/10** (2013.01); **H01R 43/0585** (2013.01)

Citation (search report)

- [DA] EP 0539787 A1 19930505 - SCHROECK PETER DIPL ING [DE]
- [DA] DE 19814474 C1 19990708 - SCHROECK PETER DIPL ING [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 303 (M - 434) 30 November 1985 (1985-11-30)

Cited by
EP1510269A1; US7553268B2; EP3296035A1; IT201600094444A1; WO2007093891A1; WO2004087349A1; WO2007093896A1; WO2007012411A1

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