

Title (en)
Radial press

Title (de)
Radialpresse

Title (fr)
Presse radiale

Publication
EP 1302255 B1 20040602 (DE)

Application
EP 02022544 A 20021008

Priority
DE 10149924 A 20011010

Abstract (en)
[origin: EP1302255A1] Radial press comprises a base body (1), a pressure ring (2), an abutment (5) fixed to the base body, and a number of press jaws (4) concentrically arranged about a press axis. The pressure ring acting on the press jaws via wedge surfaces is moved along the press axis relative to the base body on the action of an annular hydraulic piston/cylinder arrangement. The press jaws are supported on the abutment so that they move in a radial direction. The hydraulic piston/cylinder arrangement consists of an annular piston (13) inserted in an annular cylinder (14). The abutment is connected to the base body via connecting rods (8) arranged radially within the piston cylinder arrangement. Preferred Features: The pressure ring is axially guided on at least one part of the connecting rods. The annular piston is assigned to the base body and the annular cylinder to the pressure ring.

IPC 1-7
B21D 39/04; **B30B 7/04**

IPC 8 full level
B21D 39/04 (2006.01); **B30B 7/04** (2006.01)

CPC (source: EP)
B21D 39/048 (2013.01); **B30B 7/04** (2013.01)

Cited by
DE102016102275A1; WO2017178508A1; WO2022033819A1; EP4144456A1; DE102016106650A1; US11052447B2; CN115835952A; CN115916517A; WO2007093896A1; WO2011059303A1; WO2008034132A1; US11911990B2; DE102016106650B4; DE102020121142B4; WO2022218565A1; DE202016008097U1; WO2017137245A1; US11084082B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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