

Title (en)
RADIAL PRESS

Publication
EP 0239875 B1 19921007 (DE)

Application
EP 87103930 A 19870318

Priority
DE 3611253 A 19860404

Abstract (en)
[origin: US4766808A] A radial press with a plurality of press jaws whose outer sides have at least two control surfaces configured at an angle to the press axis in a V-shaped arrangement. These jaws are moved in the radial direction by two control bodies, each of whose inner sides have at least one control surface cooperating with the corresponding control surfaces of the press jaws. The axial displacement of the control bodies relative to one another is performed by a drive means. The control surfaces of the press jaws and of the control bodies are planar surfaces with a slope in the direction of the axis, whose surface normals through the centroids of the surfaces intersect the axis. The control surfaces of the control bodies form the bottom surfaces of grooves whose sidewalls run parallel and are surfaces for guiding the press jaws. Between the control surfaces of the control bodies and the control surfaces of the press jaws, plates of a bearing material are inserted.

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B21D 39/04; B30B 7/04

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

CPC (source: EP US)
B21D 39/046 (2013.01 - EP US); **B30B 7/04** (2013.01 - EP US)

Cited by
FR3004977A1; DE102015002556B3; EP1302255A1; DE10149924A1; DE19881132B4; CN110116384A; EP4144456A1; US11052447B2; WO2017178508A1; WO2021127717A1

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