

Title (en)
RADIAL PRESS

Title (de)
RADIALPRESSE

Title (fr)
PRESSE RADIALE

Publication
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Application
EP 10798506 A 20101209

Priority
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Abstract (en)
[origin: WO2011069652A1] The invention relates to a radial press for the radial deformation of workpieces (1) relative to a press axis comprising a first and a second structure (9, 10), each having a press yoke (3, 4). The two press yokes form a receiving chamber for a press tool (6). Under the action of a drive unit (12), the second structure can be linearly moved by a pressing stroke relative to the first structure between an open position and a pressing end position in a working plane perpendicular to the press axis. In the open position of the radial press, a lateral feed opening (13) is formed between the two press yokes. The drive unit is arranged offset with respect to the press axis only on the side facing away from the feed opening. A supporting drive (20), which is arranged on the side of the drive unit (12) facing away from the press axis and can be continuously longitudinally adjusted in a defined manner within a supporting stroke, acts between the first structure (9) and the second structure (10). At least for a part of the pressing stroke, the supporting drive provides a counterforce acting in the opposite direction of the direction of action of the drive unit between the first structure and the second structure.

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