

Title (en)
RADIAL PRESS

Title (de)
RADIALPRESSE

Title (fr)
PRESSE RADIALE

Publication
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Application
EP 21789637 A 20211004

Priority
• DE 102020125890 A 20201002
• EP 2021077257 W 20211004

Abstract (en)
[origin: WO2022069760A1] A radial press comprises: a base (2); a hollow ring die (8) which is mounted on said base rotatably relative to a press axis (X) and has an inner contour (10), which tapers in the direction of the press axis (X) and is rotationally symmetrical relative to the press axis (X); and a rolling element unit (9) which is rotatable relative to the press axis (X) and has a pressure ring (11), which surrounds the press axis (X), and a plurality of rolling elements (12), which are arranged around the press axis (X) and are rotationally symmetrical in a manner tapering at least in some regions. Said rolling elements are supported axially and rotatably on the pressure ring (11) at a variable distance from the press axis (X) and can roll on the inner contour (10) of the ring die (8). A rotary drive acts on the ring die (8) and/or the rolling element unit (9) and effects the rotation thereof about the press axis (X). A feed drive also acts on the rolling element unit (9) and/or the ring die (8) and effects the axial displacement of the rolling element unit (9) and the ring die (8) relative to each other along the press axis.

IPC 8 full level
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