

Title (en)  
RADIAL PRESS

Title (de)  
RADIALPRESSE

Title (fr)  
PRESSE RADIALE

Publication  
**EP 3186023 A1 20170705 (DE)**

Application  
**EP 15738610 A 20150713**

Priority  
• DE 102014012485 A 20140827  
• EP 2015065941 W 20150713

Abstract (en)  
[origin: WO2016030072A1] The invention relates to a radial press (1), for the radial deformation of a work piece carried out centrally in relation to a pressing axis (X), comprising: two pressing parts (4, 5) that can be moved in relation to one another along a drive axis (A) by a drive unit (6); and a pressing tool having a set of pressing jaws which is received in a tool mounting area (13) defined between the pressing parts (4, 5), and which has pressing jaws (P) arranged concentrically about the pressing axis (X), the distance of which pressing jaws in relation to the pressing axis depends on the position of the two pressing parts (4, 5) in relation to one another. In addition, a centring device (14) is provided which extends between the two pressing parts (4, 5), cooperates with same, and has a centring body (23). By means of a system formed by control rods (16, 17) coupled to the two pressing parts, the centring body (23) is constantly maintained in a mid-position in relation to the pressing parts or in a fixed geometric relationship in relation to the mid-position, irrespective of the position of the pressing parts in relation to one another.

IPC 8 full level  
**B21D 39/04** (2006.01); **B21D 43/00** (2006.01)

CPC (source: EP)  
**B21D 39/048** (2013.01); **B21D 43/003** (2013.01)

Citation (search report)  
See references of WO 2016030072A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102014012485 B3 20150903**; EP 3186023 A1 20170705; EP 3186023 B1 20180912; WO 2016030072 A1 20160303

DOCDB simple family (application)  
**DE 102014012485 A 20140827**; EP 15738610 A 20150713; EP 2015065941 W 20150713