

Title (en)
Radial press with two radially and mutually movable press yokes

Title (de)
Radialpresse mit zwei radial gegeneinander beweglichen Pressenjochen

Title (fr)
Presse radiale avec deux culasses de presse radialement mobile entre elles

Publication
EP 0539787 B1 19960103 (DE)

Application
EP 92117394 A 19921012

Priority
DE 4135465 A 19911028

Abstract (en)
[origin: EP0539787A1] In a radial press with a press spindle (A), a plurality of external control surfaces (1, 2, 3, 4) at an angle to one another are arranged in groups in two press yokes (18, 19) which are driven radially in relation to one another. The planes of symmetry of the control surfaces (1, 2 or 3, 4) which are arranged in the same press yoke extend parallel to the direction of drive. A plurality of external control bodies (31), which are situated between two of the external control surfaces in each case, are used for the radial advancing of pressing jaws (30) towards the press spindle. Internal control bodies (37) with further pressing jaws (41) are driven synchronously by the external control bodies (31). To reduce weight and size, one press yoke (18) is guided in relation to the other press yoke (19) by tie rods (25, 26), which penetrate the leading press yoke (19) on its ends situated outside the control surfaces (1, 2, 3, 4), are fixedly connected to the other guided press yoke (18) in each case and are connected on the opposite side of the leading press yoke to a pulling drive (52) which is preferably designed as a dedicated hydraulic drive (47/51, 48/50) which is assigned to each tie rod (25, 26). <IMAGE>

IPC 1-7
B30B 7/04

IPC 8 full level
B21D 39/04 (2006.01); **B30B 7/04** (2006.01); **B30B 15/04** (2006.01)

CPC (source: EP US)
B21D 39/048 (2013.01 - EP US); **B25B 27/10** (2013.01 - EP US); **B30B 7/04** (2013.01 - EP US); **B30B 15/04** (2013.01 - EP US); **Y10T 29/5367** (2015.01 - EP US)

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Designated contracting state (EPC)
AT CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0539787 A1 19930505; EP 0539787 B1 19960103; AT E132430 T1 19960115; DE 4135465 A1 19930429; DE 59204907 D1 19960215; US 5323697 A 19940628

DOCDB simple family (application)
EP 92117394 A 19921012; AT 92117394 T 19921012; DE 4135465 A 19911028; DE 59204907 T 19921012; US 95891592 A 19921009