

Title (en)

APPARATUS FOR ADJUSTING THE SLIDE STROKE OF A PRESS WITH AN EXCENTRIC SHAFT

Publication

EP 0248917 B1 19910220 (DE)

Application

EP 86107769 A 19860606

Priority

EP 86107769 A 19860606

Abstract (en)

[origin: US4785732A] An arrangement for a press with an eccentric shaft used for the adjustment of the stroke of the ram of the press by adjusting the relative eccentricity of an eccentric and of an eccentric bushing supported thereon, which in turn adjusts the connecting rod of the ram. The eccentric bushing is selectively releasable and fixable in the direction of rotation on the eccentric by actuating means, whereby the released eccentric bushing is fixed with respect to a non-rotating part of the press and with the eccentric shaft and is rotatable in this fixed condition for purposes of adjusting the ram stroke. The fixing of the eccentric bushing on the eccentric occurs steplessly and positively by supporting the eccentric bushing on an oversize eccentric in a press-fit connection having cylindrical fitting surfaces established between the bushing and eccentric and wherein the press-fit connection is releasable by supplying pressure oil by way of at least one groove to at least one fitting surface.

IPC 1-7

B30B 1/26

IPC 8 full level

B30B 1/26 (2006.01); **B30B 15/00** (2006.01)

CPC (source: EP US)

B30B 1/263 (2013.01 - EP US); **B30B 15/0064** (2013.01 - EP US); **Y10T 74/2112** (2015.01 - EP US)

Cited by

DE4219405A1; EP0503367A3; EP0941831A1; FR2741006A1; DE4130031A1; FR2681007A1; EP0551919A1; DE4201095A1; DE19746180B4; EP0535476A3; DE4132976C2

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0248917 A1 19871216; **EP 0248917 B1 19910220**; DE 3677597 D1 19910328; ES 2005247 A6 19890301; US 4785732 A 19881122

DOCDB simple family (application)

EP 86107769 A 19860606; DE 3677597 T 19860606; ES 8701656 A 19870605; US 5735887 A 19870603