

Title (en)

MOUNTING FOR THE MAIN CYLINDERS OF PRINTING PRESSES

Title (de)

LAGERUNG DER HAUPTZYLINDER VON DRUCKMASCHINEN

Title (fr)

PALIER POUR CYLINDRES PRINCIPAUX DE MACHINES À IMPRIMER

Publication

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Application

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Abstract (en)

[origin: WO2011157463A1] The invention relates to a mounting for the main cylinders (1) of printing presses, such as plate cylinders, blanket cylinders, engraved cylinders, impression cylinders and paper-carrying transfer cylinders of rotary and sheet-fed printing presses, by means of pairs of eccentric rings (5) rotatably mounted in machine frame bores (4) for radially supporting and for throwing the cylinders (1) on and off, and also by means of an angular contact or axial bearing arrangement (15, 16, 17) in each case for axial guidance, which are mounted on one of two shaft journals (2) of the main cylinder (1) and are fixed via connecting elements (20, 27) to one of the eccentric rings (5) of the pair of eccentric rings, the eccentric ring (5) to which the angular contact or axial bearing arrangement (15, 16, 17) is fixed by the connecting elements (20, 27) being guided axially and substantially without play in the machine frame bore (4) thereof. In order to achieve axial guidance of the main cylinder (1) which is free of friction, precise and free of thermal stresses, the invention provides running rollers (21, 21') which can be set axially against corresponding radial tracks (26; 28, 29).

IPC 8 full level

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