

Title (en)
HORIZONTAL METAL BAR EXTRUSION PRESS

Title (de)
LIEGENDE METALLSTRANGPRESSE

Title (fr)
PRESSE HORIZONTALE D'EXTRUSION POUR METAL

Publication
EP 0802837 B1 19990526 (DE)

Application
EP 96900249 A 19960104

Priority
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Abstract (en)
[origin: US5855135A] PCT No. PCT/DE96/00008 Sec. 371 Date Aug. 29, 1997 Sec. 102(e) Date Aug. 29, 1997 PCT Filed Jan. 4, 1996 PCT Pub. No. WO96/21527 PCT Pub. Date Jul. 18, 1996A horizontal metal extrusion press has a pair of relatively stationary end plates spaced apart relative to a press axis and a plurality of spaced parallel tie rods extending parallel to the axis between the end plates, fixing same axially together, and each formed with a support face extending parallel to the axis and lying in a plane forming an acute angle with the horizontal and vertical and generally including the axis. A movable plate is displaceable axially between the end plates and carries a ram. A holder support is carried on one of the end plates and a cylinder carried on one of the end plates and braced against the movable plate for axially displacing same. Respective prismatic-section base bars on the support faces of the tie rods each have a generally vertical guide face and a generally horizontal guide face. These base bars are secured on the respective tie rods for limited movement radially of the axis. Respective vertical adjusters are braced between each of the horizontal guide faces and the movable plate and respective horizontal adjusters independent of the vertical adjusters are braced between each of the vertical guide faces and the movable plate.

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