

Title (en)
BENDING DEVICE FOR TWO WORKING ROLLS OF A ROLLING STAND

Title (de)
BIEGEVORRICHTUNG FÜR ZWEI ARBEITSWALZEN EINES WALZGERÜSTES

Title (fr)
DISPOSITIF DE CINTRAGE POUR DEUX CYLINDRES DE TRAVAIL D'UNE CAGE DE LAMINOIR

Publication
EP 2012943 B1 20101124 (DE)

Application
EP 07723869 A 20070402

Priority
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• AT 6822006 A 20060421

Abstract (en)
[origin: US8196444B2] A bending device for two working rolls of a rolling stand. Guide blocks provided in lateral roll housings for guiding two pressure-transmission bodies vertically adjustably with respect to each other and, on which the working rolls are supported via chocks. Bending cylinders are arranged in pairs between the pressure-transmission bodies at each end of the rolls. Each cylinder has a piston rod acting on one pressure-transmission body and a cylinder at the respective other pressure-transmission body. Each pressure-transmission body is supported on a respective guide block in a sliding manner. So that loads acting on the pressure-transmission bodies can be introduced into the guide block free of edge pressure, the pressure-transmission bodies are supported on the respective guide blocks in a sliding manner by self-adjusting wearing plates which include surfaces that enable both sliding and pivoting of the bodies with respect to the guide blocks.

IPC 8 full level
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CPC (source: EP KR US)
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