

Title (en)

DEVICE FOR SUPPORTING A METAL SHEET DURING BENDING IN A PRESS BRAKE

Title (de)

VORRICHTUNG ZUM ABSTÜTZEN EINES BLECHES BEIM BIEGEN IN EINER ABKANTPRESSE

Title (fr)

DISPOSITIF POUR SUPPORTER UNE FEUILLE MÉTALLIQUE PENDANT LE PLIAGE DANS UNE PRESSE PLIEUSE

Publication

**EP 3738688 B1 20220706 (EN)**

Application

**EP 19174714 A 20190515**

Priority

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Abstract (en)

[origin: EP3738688A1] The invention relates to a device for supporting a metal sheet during bending in a press brake, which device comprises:- a base;- a support for supporting a metal sheet;- a rod system arranged between the base and the support for rotating the support around a rotation axis relative to the base, wherein the rod system has a first and second rod substantially parallel to each other and rotatably arranged to the base and a connecting third rod rotatably arranged to the free ends of the first and second rods, such that the base, the first, second and third rods form a substantially parallelogram shaped rod system; and- driving means arranged between the base and one of the first, second or third rods;wherein the driving means comprise:- a drivable spool;- one or more rollers;- a belt mount; and- a belt mounted with one end to the belt mount and with the other end to the drivable spool;wherein the belt runs along a serpentine path between the driveable spool, the one or more rollers and the belt mount.

IPC 8 full level

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