

Title (en)

Panel bending machine tool with improved movement of the blade-holder device

Title (de)

Maschinenwerkzeug zum Biegen von Tafeln mit verbesserter Bewegung der Plattenhaltervorrichtung

Title (fr)

Machine-outil de pliage de panneau avec mouvement amélioré du dispositif de support de lame

Publication

EP 2481493 A1 20120801 (EN)

Application

EP 11186191 A 20111021

Priority

IT PD20110021 A 20110128

Abstract (en)

Panel bending machine for bending sheets (12), comprising a support plane (8), an upright structure (24), at least one sheet-blocking device (28) able to constrain the sheet (12) in relation to said support plane (8), at least one blade-holder device (32) fitted with blades (36) suitable to perform bending operations of said sheet (12), vertical drive means (40) which move both the sheet-blocking device (28) and the blade-holder device (32) in a vertical direction (Z##Z), substantially perpendicular to said support plane (8). Advantageously, the panel-bending machine (4) comprises transversal movement devices (80) mechanically separate from the vertical drive means (40), to confer to the blade-holder head (68) totally disengaged and independent vertical and transversal movements. The transversal movement devices (80) comprise a pusher (84) connected to the blade-holder head (68) by means of a jointed parallelogram kinematism (88).

IPC 8 full level

B21D 5/04 (2006.01)

CPC (source: EP)

B21D 5/045 (2013.01)

Citation (search report)

- [A] EP 1777017 A1 20070425 - ARCELOR STEEL SERVICE CT S [FR]
- [A] WO 9846380 A1 19981022 - CODATTO ANTONIO [IT]
- [A] EP 0293964 A2 19881207 - SALVAGNINI TRANSFERICA SPA [IT]

Cited by

CN108698102A; ITUA20164816A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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