

Title (en)

METHOD FOR FORMING THE BODY OF A PRESS BRAKE, AND A PRESS BRAKE

Title (de)

VERFAHREN ZUR FORMUNG DES KÖRPERS EINER DRUCKBREMSE UND DRUCKBREMSE

Title (fr)

PROCÉDÉ DE FORMATION DU CORPS D'UNE PRESSE-PLIEUSE, ET PRESSE-PLIEUSE

Publication

EP 2509724 A4 20140528 (EN)

Application

EP 10835550 A 20101129

Priority

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- FI 2010050971 W 20101129

Abstract (en)

[origin: WO2011070232A1] In the method and the press brake the faces (1), the lower beam (2) and the upper beam (3) are assembled from separate plate, plate pile and/or bar parts including tensile elements mainly receiving tensile load, press elements receiving press loads, and transmission elements between tensile elements and press elements in order to transmit forces there between. The tensile elements, the press elements and the transmission elements are connected to each other by mechanical connection elements without welding.

IPC 8 full level

B21D 5/02 (2006.01); **B30B 9/00** (2006.01); **B30B 15/04** (2006.01)

CPC (source: EP FI)

B21D 5/02 (2013.01 - FI); **B21D 5/0272** (2013.01 - EP); **B30B 9/00** (2013.01 - FI); **B30B 15/04** (2013.01 - EP FI); **B30B 15/048** (2013.01 - EP)

Citation (search report)

- [A] GB 1383192 A 19750205 - MANNESMANN MEER AG
- [A] US 5027638 A 19910702 - FRIESTAD ROLAND W [US]
- [A] US 3418922 A 19681231 - KIP JR RULOFF F
- See references of WO 2011070232A1

Cited by

WO2024103097A1; CN112059457A

Designated contracting state (EPC)

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