

Title (en)

Automatic sheet bending machine

Title (de)

Automatische Plattebiegevorrichtung

Title (fr)

Machine automatique pour le pliage de panneaux

Publication

EP 1331047 B1 20080618 (FR)

Application

EP 03290220 A 20030129

Priority

ES 200200193 A 20020129

Abstract (en)

[origin: EP1331047A2] The panel folder has a folding mechanism made up of a blade holder (2) situated opposite a sheet metal clamp with fixed lower (3) and vertically-moving upper (5) members and incorporated in a drive that moves it towards the clamp. It also has an articulated tilter to make the folds, and the blade holder is equipped with a feeler (9) on a power cylinder (10). The feeler is designed to make contact with the folded sheet to measure the fold angle.

IPC 8 full level

B21D 5/04 (2006.01)

CPC (source: EP ES)

B21D 5/006 (2013.01 - EP); **B21D 5/04** (2013.01 - ES); **B21D 5/045** (2013.01 - EP)

Citation (examination)

- EP 1121996 A2 20010808 - GOITI S COOP [ES]
- JP H07275952 A 19951024 - AMADA CO LTD
- JP S61232018 A 19861016 - HITACHI LTD

Cited by

CN109530626A; CN112207168A; EP2127771A1; EP1797973A1; CN108746268A

Designated contracting state (EPC)

DE DK FR GB IT PT

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EP 1331047 A2 20030730; **EP 1331047 A3 20041013**; **EP 1331047 B1 20080618**; DE 60321610 D1 20080731; ES 2209594 A1 20040616; ES 2209594 B1 20050601; PT 1331047 E 20080930

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