

Title (en)

Heater for heating a metal board

Title (de)

Heizvorrichtung zur Erwärmung einer metallenen Platine

Title (fr)

Dispositif de chauffage destiné à réchauffer une platine métallique

Publication

**EP 2216417 A3 20130724 (DE)**

Application

**EP 10000379 A 20100116**

Priority

DE 102009007826 A 20090207

Abstract (en)

[origin: EP2216417A2] Heating device comprises a lower heating unit (11) and an upper heating unit (13) each having a heating plate (16) with a number of heating segments (21) arranged in a predetermined pattern relative to each other and sliding relative to each other in the plane defined by a contact surface between the segments and a metallic plate (P).

IPC 8 full level

**B21D 37/16** (2006.01); **C21D 1/34** (2006.01); **C21D 9/46** (2006.01); **C21D 1/673** (2006.01)

CPC (source: EP)

**C21D 1/34** (2013.01); **C21D 9/46** (2013.01); **C21D 1/673** (2013.01)

Citation (search report)

[A] WO 2007013279 A1 20070201 - KIKUCHI CO LTD [JP], et al

Cited by

DE102014101539A1; CN104204232A; ITUA20161493A1; DE102014101539B4; DE102014101539B9; DE102011007489A1; DE102011007489B4; JP2013542324A; CN107488776A; EP2907881A2; EP2907881B1; EP2907881B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2216417 A2 20100811**; **EP 2216417 A3 20130724**; **EP 2216417 B1 20140514**; DE 102009007826 A1 20100819; ES 2488122 T3 20140826; PL 2216417 T3 20141031; PT 2216417 E 20140703

DOCDB simple family (application)

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