

Title (en)

A METHOD AND A DEVICE FOR PARTIAL HEATING OF METAL SHEETS

Title (de)

EIN VERFAHREN UND EINE VORRICHTUNG ZUM PARTIELLEN ERWÄRMEN VON METALLBLECHEN

Title (fr)

PROCEDE ET DISPOSITIF DE CHAUFFAGE PARTIEL DE FEUILLES METALLIQUES

Publication

EP 1341936 B1 20060809 (EN)

Application

EP 01271454 A 20011129

Priority

- SE 0102649 W 20011129
- SE 0004665 A 20001215

Abstract (en)

[origin: WO0250316A1] The invention relates to a method and a device for partial heating of metal sheets in order to establish areas within which a plastic deformation is subsequently to take place said sheets having before that, by hardening or cold-working, assumed a higher yield point generally causing a deteriorated ductility. According to the method and the device the partial heating is accomplished by resistance heating, use being made of at least one electrode which consists of carbon, graphite or a non-metallic material having similar properties, the electrode having a low friction value when, at a predetermined pressure, it contacts the metal sheet, the electrode and the metal sheet being simultaneously displaced relatively each other.

IPC 8 full level

C21D 1/40 (2006.01); **C21D 9/46** (2006.01); **C21D 9/62** (2006.01); **H05B 3/14** (2006.01)

CPC (source: EP)

C21D 1/40 (2013.01); **C21D 9/46** (2013.01); **C21D 9/62** (2013.01); **C21D 2221/00** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0250316 A1 20020627; AT E335858 T1 20060915; AU 1861502 A 20020701; DE 60122206 D1 20060921; EP 1341936 A1 20030910; EP 1341936 B1 20060809; SE 0004665 D0 20001215; SE 0004665 L 20020616; SE 520369 C2 20030701

DOCDB simple family (application)

SE 0102649 W 20011129; AT 01271454 T 20011129; AU 1861502 A 20011129; DE 60122206 T 20011129; EP 01271454 A 20011129; SE 0004665 A 20001215