

Title (en)

METHOD FOR PRODUCING A METALLIC COMPONENT COMPRISING ADJACENT SECTIONS HAVING DIFFERENT MATERIAL PROPERTIES

Title (de)

VERFAHREN ZUM HERSTELLEN EINES METALLBAUTEILS MIT ANEINANDER ANGRENZENDEN ABSCHNITTEN UNTERSCHIEDLICHER MATERIALEIGENSCHAFTEN

Title (fr)

PROCEDE DE PRODUCTION D'UN COMPOSANT METALLIQUE COMPRENANT DES SECTIONS ADJACENTES PRESENTANT DIFFERENTES PROPRIETES DE MATERIAU

Publication

EP 1888794 B1 20120516 (DE)

Application

EP 06763268 A 20060524

Priority

- EP 2006062579 W 20060524
- DE 102005025026 A 20050530

Abstract (en)

[origin: DE102005025026B3] Production of metal components with adjacent zones which have different characteristics comprises press-molding sheet metal (E) using a ram (4) and female mold (2). The surfaces (5) of the ram which come into contact with the sheet are heated and the time of contact is controlled.

IPC 8 full level

B21D 22/02 (2006.01); **B21D 37/16** (2006.01); **C21D 1/673** (2006.01)

CPC (source: EP US)

B21D 22/022 (2013.01 - EP US); **B21D 37/16** (2013.01 - EP US); **C21D 1/673** (2013.01 - EP US); **C21D 9/46** (2013.01 - EP US); **C21D 2221/00** (2013.01 - EP US)

Cited by

CN106232255A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005025026 B3 20061019; BR PI0610872 A2 20100803; BR PI0610872 B1 20180227; CA 2610378 A1 20061207; CA 2610378 C 20130618; CN 101189350 A 20080528; CN 103382518 A 20131106; CN 103382518 B 20151021; EP 1888794 A1 20080220; EP 1888794 B1 20120516; ES 2385579 T3 20120726; JP 2008542031 A 20081127; JP 5568235 B2 20140806; PL 1888794 T3 20120928; PT 1888794 E 20120712; US 2008196800 A1 20080821; US 8118954 B2 20120221; WO 2006128821 A1 20061207

DOCDB simple family (application)

DE 102005025026 A 20050530; BR PI0610872 A 20060524; CA 2610378 A 20060524; CN 200680019204 A 20060524; CN 201310254884 A 20060524; EP 06763268 A 20060524; EP 2006062579 W 20060524; ES 06763268 T 20060524; JP 2008514068 A 20060524; PL 06763268 T 20060524; PT 06763268 T 20060524; US 91621506 A 20060524