

Title (en)

PRODUCTION OF IHU COMPONENTS WITH A FLANGE

Title (de)

ERZEUGEN VON IHU-BAUTEILEN MIT FLANSCH

Title (fr)

PRODUCTION DE PIECES PRODUITES PAR DEFORMATION PAR HAUTE PRESSION INTERNE ET POURVUES D'UNE BRIDE

Publication

EP 1680240 A1 20060719 (DE)

Application

EP 04765105 A 20040911

Priority

- EP 2004010182 W 20040911
- DE 10350145 A 20031028

Abstract (en)

[origin: WO2005051562A1] The invention relates to a method for the production of a hollow profile, which comprises at least one flange (6; 8; 10; 11), by means of internal high pressure shaping. The measurements and the position of the flange (6, 8, 10, 11) are not altered, in relation to the embodied end hollow profile, during internal high pressure shaping.

IPC 1-7

B21D 26/02

IPC 8 full level

B21D 26/02 (2006.01); **B21D 26/033** (2011.01)

CPC (source: EP US)

B21C 37/0803 (2013.01 - EP US); **B21C 37/0815** (2013.01 - EP US); **B21C 37/14** (2013.01 - EP US); **B21C 37/15** (2013.01 - EP US);
B21D 19/08 (2013.01 - EP US); **B21D 26/033** (2013.01 - EP US)

Citation (search report)

See references of WO 2005051562A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2005051562 A1 20050609; CA 2543265 A1 20050609; DE 10350145 A1 20050616; DE 10350145 B4 20060413; EP 1680240 A1 20060719;
JP 2007533462 A 20071122; US 2008035628 A1 20080214

DOCDB simple family (application)

EP 2004010182 W 20040911; CA 2543265 A 20040911; DE 10350145 A 20031028; EP 04765105 A 20040911; JP 2006537081 A 20040911;
US 57740504 A 20040911