

Title (en)

Method for forming a double longitudinally and transversally curved sheet, and longitudinal stretch forming press for carrying out the method

Title (de)

Verfahren zum Formen eines doppelt gekrümmten Bleches, und longitudinale Streckpresse zur Durchführung des Verfahrens

Title (fr)

Procédé de façonnage d'une tôle à double galbe longitudinal et transversal, et presse d'étirage longitudinal pour la mise en oeuvre du procédé

Publication

**EP 1726377 A1 20061129 (FR)**

Application

**EP 06300517 A 20060524**

Priority

FR 0505205 A 20050524

Abstract (en)

The manufacture of a double curved sheet is carried out in a longitudinal drawing press with a forming tool arranged between two opposing lines of curved drawing bits (5) that can be manoeuvred by an assembly of jacks (11, 12, 17, 21, 24). During drawing manoeuvre and after curving the lines of bits, a differential traction movement is created between central bits and the peripheral bits of the lines of bits, in a manner adapted to render uniform the state of drawing on the surface of the sheet. An independent claim is also included for the longitudinal drawing press for producing metal sheets by this method.

IPC 8 full level

**B21D 25/02** (2006.01)

CPC (source: EP)

**B21D 25/02** (2013.01)

Citation (search report)

- [XY] US 4698995 A 19871013 - CHORNEAU FREDERICK R [US]
- [Y] JP H06246361 A 19940906 - MITSUI SHIPBUILDING ENG
- [A] DE 10245317 A1 20040415 - AUDI AG [DE]
- [A] US 4706486 A 19871117 - KAN KWOK-NING S [US]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 018, no. 633 (M - 1714) 2 December 1994 (1994-12-02)

Cited by

EP3335813A1; FR3060425A1; US10940519B2

Designated contracting state (EPC)

DE FR GB IT

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1726377 A1 20061129; EP 1726377 B1 20110824**; FR 2886178 A1 20061201; FR 2886178 B1 20100507

DOCDB simple family (application)

**EP 06300517 A 20060524**; FR 0505205 A 20050524