

Title (en)

Method and apparatus for deep-drawing sheet-metal workpieces

Title (de)

Verfahren zum Tiefziehen von Blechen und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé et dispositif d'emboutissage de pièces en tôle

Publication

**EP 1147833 A3 20030115 (DE)**

Application

**EP 01107980 A 20010329**

Priority

DE 10019685 A 20000420

Abstract (en)

[origin: EP1147833A2] A process for deep drawing planar sheet metal, to produce mouldings with local contours with a small radius over the base area, comprises fixing the edges of the sheet metal and forming the sheet metal using a stamper which acts against a fluid work medium. The sheet metal is formed against local mould contours which are fixed and which are elastic.

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**B21D 22/26**; **B21D 22/20**

IPC 8 full level

**B21D 22/20** (2006.01)

CPC (source: EP)

**B21D 22/205** (2013.01)

Citation (search report)

- [E] DE 10016804 A1 20011018 - THYSENKRUPP STAHL AG [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 10 30 November 1995 (1995-11-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 07 31 July 1996 (1996-07-31)

Cited by

CN107952872A; US7802458B2; WO2006048302A1

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