

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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IPC 8 full level

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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

Designated contracting state (EPC)

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