

Title (en)

Vacuum clamping device for fixing a sheet and method for machining the sheet

Title (de)

Vakuum-Spannvorrichtung zum Fixieren einer Nutzenplatte und entsprechendes Bearbeitungsverfahren

Title (fr)

Dispositif de fixation à dépression pour une pièce plate et méthode de fabrication de la pièce plate

Publication

**EP 1741517 A1 20070110 (DE)**

Application

**EP 06008819 A 20060427**

Priority

- DE 102005031924 A 20050707
- DE 102005036970 A 20050805

Abstract (en)

The device has a linking up mechanism (2) having a suction connection (3) equipped base plate (4) for the production of a perforated plate (5) and provided by negative pressure. Several bars (8) are inserted into the base plate with an inserting plate (6) having several recesses (33), which are connected to the base plate and partially with the suction connection. An independent claim is included for a method for machining the sheet.

IPC 8 full level

**B25B 11/00** (2006.01); **B25B 5/06** (2006.01)

CPC (source: EP)

**B25B 5/06** (2013.01); **B25B 11/005** (2013.01)

Citation (search report)

- [XY] WO 9210336 A2 19920625 - CARNE UFM LTD [GB], et al
- [A] DE 4030113 A1 19920326 - WISSNER ROLF [DE]
- [Y] US 4761876 A 19880809 - KOSMOWSKI WOJCIECH B [US]
- [Y] GB 2172811 A 19861001 - HAIGH ENG CO LTD
- [Y] US 4808046 A 19890228 - PILKINGTON DONALD J [GB], et al

Cited by

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Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1741517 A1 20070110; EP 1741517 B1 20080102**; DE 102005036970 A1 20070111; DE 502006000255 D1 20080214

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