

Title (en)

Holding device for workpieces to be treated and vacuum clamping system with such a holding device

Title (de)

Haltevorrichtung für zu bearbeitende Werkstücke sowie Vakuumspannsystem mit einer derartigen Haltevorrichtung

Title (fr)

Dispositif de retenue pour une pièce à travailler et système de serrage avec un tel dispositif de retenue

Publication

EP 1716976 B1 20110406 (DE)

Application

EP 06002519 A 20060208

Priority

DE 102005020801 A 20050428

Abstract (en)

[origin: EP1716976A2] A tiltable permanent magnet, provided on one side of a suction body (16), is moved between an operating position and an outside position relative to a magnetically operable stop valve by a rocker lever (56) turned about an axis (52). The magnet is closer to the stop valve at the operating position compared to the outside position. In addition, the suction body has a suction area adjoined to a lower surface and close by the permanent magnet. An independent claim is also included for a vacuum clamping system.

IPC 8 full level

B25B 11/00 (2006.01)

CPC (source: EP)

B25B 11/005 (2013.01)

Cited by

CN105345693A; CN105345529A

Designated contracting state (EPC)

AT DE ES IT

DOCDB simple family (publication)

EP 1716976 A2 20061102; EP 1716976 A3 20080730; EP 1716976 B1 20110406; AT E504396 T1 20110415; DE 102005020801 A1 20061102; DE 502006009235 D1 20110519; ES 2361093 T3 20110613

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EP 06002519 A 20060208; AT 06002519 T 20060208; DE 102005020801 A 20050428; DE 502006009235 T 20060208; ES 06002519 T 20060208