

Title (en)

Arrangement of bearings of an upper mould

Title (de)

Vorrichtung zur bewegbaren Lagerung eines oberen Formwerkzeugs

Title (fr)

Système de palier mobile pour moule supérieur

Publication

**EP 1145785 B1 20060816 (DE)**

Application

**EP 01108223 A 20010331**

Priority

DE 10017315 A 20000410

Abstract (en)

[origin: US2001028901A1] A device for supporting an upper mold tool (7) for movement with respect to a lower mold tool (25). Compared to known devices with simple pivoting supports, in which the space conditions for handling the workpieces with the mold tool opened are very restricted, the upper mold tool (7) is supported on a frame (1) by means of a multi-bar mechanism, such as a four-bar mechanism (10, 11) or a six-bar mechanism to provide a very wide opening of the space between the two mold tools.

IPC 8 full level

**B22C 11/00** (2006.01); **B22C 17/00** (2006.01)

CPC (source: EP US)

**B22C 11/00** (2013.01 - EP US); **B22C 17/00** (2013.01 - EP US)

Cited by

WO2005011948A1

Designated contracting state (EPC)

AT BE DE FR GB IT

DOCDB simple family (publication)

**EP 1145785 A1 20011017**; **EP 1145785 B1 20060816**; AT E336312 T1 20060915; DE 10017315 A1 20011018; DE 10017315 C2 20020620; DE 50110731 D1 20060928; US 2001028901 A1 20011011; US 6604932 B2 20030812

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**EP 01108223 A 20010331**; AT 01108223 T 20010331; DE 10017315 A 20000410; DE 50110731 T 20010331; US 82944001 A 20010410