

Title (en)

Machine tool and method for moving the workpiece part from a support to a discharge position

Title (de)

Werkzeugmaschine und Verfahren zum Verbringen eines Werkstückteils aus einer Auflageposition in eine Abfuhrposition

Title (fr)

Machine-outil et procédé destiné au transfert d'une partie d'une pièce à usiner depuis une position de support dans une position de déchargement

Publication

**EP 2008735 B1 20110504 (DE)**

Application

**EP 07012866 A 20070630**

Priority

EP 07012866 A 20070630

Abstract (en)

[origin: EP2008735A1] The tool has motion units, which speeds up a support in a region of a workpiece part (12) with acceleration from a support position (P) along a gravitational force direction, where the acceleration is greater than the acceleration of workpiece part along the gravitational force direction. The motion units move the accelerated support with a speed along an open position such that the support is situated outside the line of motion of the workpiece part and the workpiece part achieves a transportation position (W) outdoors. An independent claim is also included for a method for passing a part of a plate-like workpiece e.g. steel sheet, from a support position into a transportation position.

IPC 8 full level

**B21D 45/00** (2006.01); **B23Q 7/08** (2006.01)

CPC (source: EP US)

**B21D 45/003** (2013.01 - EP US)

Cited by

ITMO20120256A1; US8256752B2; US2009035117A1; WO2014064604A1; US11747513B2

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