

Title (en)

Machine tool with electromagnet for mounting on a ferromagnetic workpiece

Title (de)

Werkzeugmaschine mit einem Elektromagneten zur Befestigung an einem ferromagnetischen Werkstück

Title (fr)

Machine-outil avec électro-aimant pour la fixation à une pièce ferromagnétique

Publication

EP 1103350 A3 20011219 (DE)

Application

EP 00121732 A 20001005

Priority

DE 19956155 A 19991123

Abstract (en)

[origin: EP1103350A2] The machine tool has an electromagnet (30) used for securing a ferromagnetic workpiece and a switching device (S) with at least 2 different switch states, for controlling the electromagnet and a drive device (42) for the machine tool. The electromagnet current is reduced for securing the workpiece when the drive is not operated relative to the current used for securing the workpiece when the drive is operated.

IPC 1-7

B25H 1/00

IPC 8 full level

B23B 45/14 (2006.01); **B25H 1/00** (2006.01)

CPC (source: EP)

B25H 1/0071 (2013.01)

Citation (search report)

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- [X] US 2932194 A 19600412 - BUCK EUGENE W
- [YA] US 5126643 A 19920630 - FRENCH EDWARD M [GB]
- [X] PATENT ABSTRACTS OF JAPAN vol. 007, no. 029 (M - 191) 5 February 1983 (1983-02-05)

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DOCDB simple family (publication)

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