

Title (en)

Marking device with drive mechanism

Title (de)

Markierungsvorrichtung mit verbesserter Antriebsvorrichtung

Title (fr)

Dispositif de marquage comportant un mécanisme d'entraînement perfectionné

Publication

EP 0949047 B1 20030205 (FR)

Application

EP 99420091 A 19990409

Priority

- FR 9804875 A 19980410
- FR 9806863 A 19980527

Abstract (en)

[origin: EP0949047A1] The tool (2) has a support arm (8) and a drive mechanism (10) for displacing the tool (12). Linear motors displace the moving part (16) of the drive in two perpendicular directions. The moving part has permanent magnets that attract it upward against the ferromagnetic stator plate (14). A stream of air delivered through a tube (26) provides an air cushion between plate and moving head.

IPC 1-7

B25H 7/00

IPC 8 full level

B25H 7/04 (2006.01); **B41J 3/407** (2006.01); **B44B 5/00** (2006.01)

CPC (source: EP US)

B44B 5/0019 (2013.01 - EP US); **B44B 5/0095** (2013.01 - EP US)

Cited by

FR2801238A1; EP3053756A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0949047 A1 19991013; **EP 0949047 B1 20030205**; AT E232153 T1 20030215; BR 9904676 A 20000912; CA 2268299 A1 19991010; DE 69905210 D1 20030313; DE 69905210 T2 20030710; DK 0949047 T3 20030224; ES 2188118 T3 20030616; JP H11320458 A 19991124; US 6188148 B1 20010213

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EP 99420091 A 19990409; AT 99420091 T 19990409; BR 9904676 A 19990408; CA 2268299 A 19990331; DE 69905210 T 19990409; DK 99420091 T 19990409; ES 99420091 T 19990409; JP 10036899 A 19990407; US 28762999 A 19990407