

Title (en)
DEVICE FOR ACCELERATING AN ABRASIVE

Publication
EP 0149649 B1 19871028 (DE)

Application
EP 84902706 A 19840705

Priority
DE 3324710 A 19830708

Abstract (en)
[origin: US4680900A] A device for accelerating an abrasive, which includes magnetically influenceable particles, especially iron particles, for the treatment of surfaces. The device is provided with magnet coils, which are used as accelerating elements, are arranged along the path of the abrasive, preferably on a pipe, and are energized or de-energized by the magnetic field maximum as a function of the traversing of the abrasive which moves in the coil field. The first and the second magnet coils at the beginning of the acceleration section have opposite poles, are synchronously energized or de-energized, and take a predetermined quantity of abrasive from a static supply of abrasive and convey it to the next magnet coil for acceleration purposes.

IPC 1-7
B24C 5/08

IPC 8 full level
B24C 5/08 (2006.01)

CPC (source: EP US)
B24C 5/08 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH FR GB LI LU NL SE

DOCDB simple family (publication)
US 4680900 A 19870721; DE 3324710 C1 19840530; EP 0149649 A1 19850731; EP 0149649 B1 19871028; IT 1212103 B 19891108; IT 8421810 A0 19840709; JP S60501800 A 19851024; WO 8500312 A1 19850131

DOCDB simple family (application)
US 70950185 A 19850308; DE 3324710 A 19830708; EP 8400205 W 19840705; EP 84902706 A 19840705; IT 2181084 A 19840709; JP 50274384 A 19840705