

Title (en)

APPARATUS AND METHOD FOR CLEANING, DEBURRING AND POLISHING PARTS IN MAGNETIC FIELD

Title (de)

VORRICHTUNG UND VERFAHREN ZUM REINIGEN, ENTGRATEN UND POLIEREN VON TEILEN IM MAGNETFELD

Title (fr)

APPAREIL ET PROCEDE DE NETTOYAGE, D'EBAVURAGE ET DE POLISSAGE DE PIECES DANS UN CHAMP MAGNETIQUE

Publication

EP 1545834 B1 20060920 (EN)

Application

EP 03791068 A 20030827

Priority

- HU 0300068 W 20030827
- HU P0202913 A 20020830
- HU P0302713 A 20030825

Abstract (en)

[origin: WO2004020144A1] The object of the invention is an apparatus for cleaning, deburring and polishing parts in magnetic field, comprising a plastic container (5), an electromagnet (7), and an electric motor (15), with the plastic container (5) being implemented as a revolving drum. The inventive apparatus is characterised by that it comprises a magnetisable rotating disc (3) and a rotating core (10) disposed inside the container (5), with the rotating disc (3) being firmly joined to said magnetic core (10), and further comprises a braking means (6) for restraining the rotation of the container (5) driven by the electric motor (15).

IPC 8 full level

B24B 31/00 (2006.01); **B24B 1/00** (2006.01); **B24B 31/02** (2006.01)

CPC (source: EP)

B24B 1/005 (2013.01); **B24B 31/003** (2013.01); **B24B 31/02** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004020144 A1 20040311; AT E340052 T1 20061015; AU 2003263375 A1 20040319; DE 60308536 D1 20061102; DE 60308536 T2 20070606; EP 1545834 A1 20050629; EP 1545834 B1 20060920

DOCDB simple family (application)

HU 0300068 W 20030827; AT 03791068 T 20030827; AU 2003263375 A 20030827; DE 60308536 T 20030827; EP 03791068 A 20030827