

Title (en)

PROCESS FOR THE TREATMENT BY BULK AGITATION OF ROUGH CASTINGS OR MACHINED PARTS AND MACHINE FOR IMPLEMENTING SUCH PROCESS

Publication

EP 0172854 B1 19890104 (FR)

Application

EP 85900963 A 19850218

Priority

CH 80884 A 19840220

Abstract (en)

[origin: WO8503661A1] The process allows to treat parts by agitation in a rotary vat having no movable closure member. A machine using such process comprises a rotary vat (101) rotating about a horizontal axis, provided with an axially arranged inlet opening (112), a discharge orifice (115) situated at the periphery of the vat, and a helical baffle (122) for causing a longitudinal displacement of the parts in the treatment chamber (121) of the vat. The vat may be filled during its rotation. It is simply emptied by reversing the rotational direction. The machines of this kind are particularly appropriate for the clipping and the snagging of metal or synthetic castings or for the deburring, degreasing and drying of metal parts.

IPC 1-7

B24B 31/02

IPC 8 full level

B08B 7/00 (2006.01); **B24B 31/02** (2006.01); **B24B 31/03** (2006.01)

CPC (source: EP US)

B08B 7/0092 (2013.01 - EP US); **B24B 31/03** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

WO 8503661 A1 19850829; CH 655271 A5 19860415; DE 3567163 D1 19890209; EP 0172854 A1 19860305; EP 0172854 B1 19890104; ES 540512 A0 19860416; ES 8606054 A1 19860416; IT 1183185 B 19871005; IT 8519501 A0 19850214; JP S61501083 A 19860529; US 4753046 A 19880628

DOCDB simple family (application)

CH 8500029 W 19850218; CH 80884 A 19840220; DE 3567163 T 19850218; EP 85900963 A 19850218; ES 540512 A 19850219; IT 1950185 A 19850214; JP 50076485 A 19850218; US 79657485 A 19851018