

Title (en)

DEVICE FOR FEEDING BLASTING SHOTS INTO A CENTRIFUGAL WHEEL

Title (de)

EINRICHTUNG ZUM EINSPEISEN VON STRAHLMITTEL IN EIN SCHLEUDERRAD

Title (fr)

DISPOSITIF POUR ACHEMINER UN AGENT DE SABLAGE DANS UNE ROUE CENTRIFUGE

Publication

EP 1569774 B1 20061220 (DE)

Application

EP 02703612 A 20020228

Priority

- DE 20103842 U 20010305
- EP 0202217 W 20020228

Abstract (en)

[origin: US2003114090A1] The invention relates to a device for feeding blasting shots into the central area of a centrifugal wheel (1) in a shot blasting system via a feed pipe (3), whereby a distributing bushing (7) comprising a distributing opening (8) is provided in the central region thereof. An impeller (9) comprising discharge openings (11) rotates in the distributing bushing (7) together with the centrifugal wheel (1), wherein the shots which are to be accelerated enter in an axial direction, the feed pipe (3) for the shots discharges into the impeller (9) and is provided with a ring-shaped tongue (10) which protrudes into the impeller (9) in the region of the distributing opening (8).

IPC 8 full level

B24C 5/06 (2006.01)

CPC (source: EP US)

B24C 1/086 (2013.01 - EP US); **B24C 5/068** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)

SI

DOCDB simple family (publication)

US 2003114090 A1 20030619; US 6843710 B2 20050118; AT E348689 T1 20070115; CA 2406422 A1 20020912; CA 2406422 C 20081028; CN 1304167 C 20070314; CN 1457284 A 20031119; CZ 20023632 A3 20030312; CZ 294917 B6 20050413; DE 10208683 A1 20020926; DE 10208683 C2 20030206; DE 20203159 U1 20020606; DE 50209037 D1 20070201; EP 1569774 A1 20050907; EP 1569774 B1 20061220; HR P20020871 A2 20031031; HR P20020871 B1 20090331; JP 2004518548 A 20040624; PL 197932 B1 20080530; PL 359390 A1 20040823; RU 2002134468 A 20050110; RU 2276008 C2 20060510; WO 02070204 A1 20020912; WO 02070204 A8 20030213

DOCDB simple family (application)

US 27530802 A 20021101; AT 02703612 T 20020228; CA 2406422 A 20020228; CN 02800526 A 20020228; CZ 20023632 A 20020228; DE 10208683 A 20020228; DE 20203159 U 20020228; DE 50209037 T 20020228; EP 0202217 W 20020228; EP 02703612 A 20020228; HR P20020871 A 20021105; JP 2002569354 A 20020228; PL 35939002 A 20020228; RU 2002134468 A 20020228