

Title (en)

ROTATING NOZZLE FOR A HIGH-PRESSURE CLEANING DEVICE

Publication

EP 0379654 B1 19930728 (DE)

Application

EP 89120443 A 19891104

Priority

DE 3902478 A 19890127

Abstract (en)

[origin: US4989786A] A rotatable nozzle comprising a housing having arranged therein a rotor rotatable about a longitudinal axis which is inclined in respect of a central axis of the housing. The rotor is peripherally provided with a blade wheel the blades of which being positioned in the flow path of an inlet beam of pressurized liquid for rotating the rotor and orbiting it around the central axis.

IPC 1-7

B05B 3/04; **B08B 3/02**

IPC 8 full level

B05B 3/04 (2006.01); **B08B 3/02** (2006.01)

CPC (source: EP US)

B05B 3/0463 (2013.01 - EP US)

Cited by

WO2024088757A1; EP0548408A1; US8820659B2; WO2014023341A1; WO9532804A1; DE102022128569A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 4989786 A 19910205; AT E91924 T1 19930815; CA 2002052 A1 19900727; CA 2002052 C 20010327; DE 3902478 C1 19900719; DE 58905055 D1 19930902; DK 168196 B1 19940228; DK 584689 A 19900728; DK 584689 D0 19891121; EP 0379654 A1 19900801; EP 0379654 B1 19930728; FI 88269 B 19930115; FI 88269 C 19930426; FI 900241 A0 19900116; JP 2876484 B2 19990331; JP H038460 A 19910116

DOCDB simple family (application)

US 43585889 A 19891114; AT 89120443 T 19891104; CA 2002052 A 19891102; DE 3902478 A 19890127; DE 58905055 T 19891104; DK 584689 A 19891121; EP 89120443 A 19891104; FI 900241 A 19900116; JP 369690 A 19900112