

Title (en)

Rotor nozzle for a high-pressure cleaning device.

Title (de)

Rotordüse für ein Hochdruckreinigungsgerät.

Title (fr)

Busse de rotor pour appareil de nettoyage à haute pression.

Publication

EP 0372182 B1 19940119 (DE)

Application

EP 89117490 A 19890921

Priority

DE 3836053 A 19881022

Abstract (en)

[origin: WO9004468A2] A high-pressure cleaning device comprises a rotor (10) rotatably mounted in a housing and set in rotation by a cleaning liquid, and a nozzle (33) downstream of the rotor (10) whose outlet axis makes a variable acute angle with the axis of rotation of the rotor (10). The nozzle (33) is rotated by the rotor (10) about the axis of rotation of the latter so that the jet of cleaning liquid issuing from the nozzle flows around a conical shell. To enable the outlet angle of the point jet to be set without the need to modify other parameters, adjustable limit stops (46) are arranged in the housing (1) and limit to a greater or lesser extent the widening of the acute angle between the outlet axis of the nozzle (33) and the axis of rotation of the rotor (10) in function of the position of the limiting elements.

IPC 1-7

B08B 3/02; B05B 3/04

IPC 8 full level

B05B 3/04 (2006.01)

CPC (source: EP US)

B05B 3/0463 (2013.01 - EP US)

Citation (examination)

FR 2602987 A1 19880226 - GERNI CLEANING EQUIPMENT [DK]

Cited by

CN107405635A; EP3261780A4

Designated contracting state (EPC)

ES FR GB IT SE

DOCDB simple family (publication)

DE 3836053 C1 19900111; AU 4327589 A 19900514; DK 66291 A 19910412; DK 66291 D0 19910412; EP 0372182 A2 19900613; EP 0372182 A3 19900718; EP 0372182 B1 19940119; EP 0439475 A1 19910807; US 5217166 A 19930608; WO 9004468 A2 19900503; WO 9004468 A3 19900614

DOCDB simple family (application)

DE 3836053 A 19881022; AU 4327589 A 19890921; DK 66291 A 19910412; EP 8901100 W 19890921; EP 89117490 A 19890921; EP 89910846 A 19890921; US 67835991 A 19910619