Title (en)

ROTOR NOZZLE FOR A HIGH-PRESSURE CLEANING DEVICE.

Title (de)

ROTORDÜSE FÜR EIN HOCHDRUCKREINIGUNGSGERÄT.

Title (fr)

BUSE ROTATIVE POUR UN APPAREIL DE NETTOYAGE A HAUTE PRESSION.

Publication

EP 0526508 B1 19950809 (DE)

Application

EP 91908065 A 19910415

Priority

- DE 4013446 A 19900427
- EP 9100714 W 19910415

Abstract (en)

[origin: US5328097A] PCT No. PCT/EP91/00714 Sec. 371 Date Oct. 26, 1992 Sec. 102(e) Date Oct. 26, 1992 PCT Filed Apr. 15, 1991 PCT Pub. No. WO91/16989 PCT Pub. Date Nov. 14, 1991.In order to reduce the undesired rotation of the nozzle body about its own longitudinal axis in a rotor nozzle for a high-pressure cleaning device comprising a casing having in a front wall a pot-shaped recess with a central opening therein, a nozzle body with a bore extending through it, the nozzle body being supported at a spherical end in the pot-shaped recess, extending in the longitudinal direction over part of the casing and having an outside diameter which is smaller than the inside diameter of the casing, and an inlet for a liquid opening tangentially into the casing and causing the liquid to rotate about the longitudinal axis in the casing so that the nozzle body rotates together with the rotating liquid and when doing so bears with a bearing surface at its circumference on the inside wall of the casing with the longitudinal axis of the nozzle body at an incline to the longitudinal axis of the casing, it is proposed that the bearing surface of the nozzle body consist of a material with a coefficient of friction in relation to the material of the inside wall of the casing of > 0.25.

IPC 1-7

B05B 3/04; B08B 3/02

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