

Title (en)

ROTOR NOZZLE FOR A HIGH-PRESSURE CLEANING DEVICE

Title (de)

ROTORDÜSE FÜR EIN HOCHDRUCKREINIGUNGSGERÄT

Title (fr)

TUYERE ROTATIVE POUR UN APPAREIL DE NETTOYAGE A HAUTE PRESSION

Publication

**EP 0600937 B1 19960228 (DE)**

Application

**EP 92916820 A 19920727**

Priority

- DE 4129026 A 19910831
- EP 9201699 W 19920727

Abstract (en)

[origin: US5395053A] In order to limit the rotational frequency of the nozzle body in the housing in a rotor nozzle for a high-pressure cleaning device with a housing provided in a front wall with a pan-shaped bearing for the front, spherical end of a nozzle body having a through-bore, with an insert for a liquid opening tangentially into the housing, the liquid in the housing being caused to rotate thereby about the longitudinal axis of the housing, so that the nozzle body rotates together with the rotating liquid and thereby abuts with a contact surface at its periphery on the inside wall of the housing, whereby the longitudinal axis of the nozzle body is inclined in relation to the longitudinal axis of the housing, it is suggested that a braking member is mounted in the nozzle body at its back end facing away from the front, spherical end for displacement in longitudinal direction of the nozzle body and that a contact surface is arranged adjacent to the back end of the nozzle body at the end face in the housing, the braking member mounted in the nozzle body protruding beyond the end of the nozzle body to abut on this contact surface as soon as the nozzle body rotates in the housing.

IPC 1-7

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

IPC 8 full level

**B05B 3/04** (2006.01)

CPC (source: EP US)

**B05B 3/0463** (2013.01 - EP US)

Cited by

WO2008004030A1; EP1719557A1; DE102007029245A1; WO2008151743A2

Designated contracting state (EPC)

AT BE CH DK FR GB IT LI NL SE

DOCDB simple family (publication)

**US 5395053 A 19950307**; AT E134534 T1 19960315; DE 4129026 C1 19930304; DK 0600937 T3 19960318; EP 0600937 A1 19940615; EP 0600937 B1 19960228; WO 9304785 A1 19930318

DOCDB simple family (application)

**US 19610294 A 19940218**; AT 92916820 T 19920727; DE 4129026 A 19910831; DK 92916820 T 19920727; EP 9201699 W 19920727; EP 92916820 A 19920727