

Title (en)  
Rotor nozzle

Title (de)  
Rotordüse

Title (fr)  
Buse à rotor

Publication  
**EP 0931594 A3 20040324 (DE)**

Application  
**EP 99101478 A 19990127**

Priority  
DE 19803035 A 19980127

Abstract (en)  
[origin: EP0931594A2] In the nozzle housing (1), inclined in relation to its longitudinal axis (14), is a rotatively driven runner or rotor (4) rolling against the housing inner wall. In the runner or rotor is a nozzle (6) through which the cleaning fluid flows, the end of which pointing to the outlet aperture (3) is movably supported in a bowl bearing (5). The rotor (4) has an outer casing (16) and an inner casing (15) concentric to the outer casing to which it is non-rotatively connected. The outer casing is blocked against its inherent rotation around its axis (17) by a bowl bearing-side fork arrangement.

IPC 1-7  
**B05B 3/04**

IPC 8 full level  
**B05B 3/04** (2006.01)

CPC (source: EP)  
**B05B 3/0463** (2013.01)

Citation (search report)

- [A] DE 9108507 U1 19911107
- [A] DE 4014954 C1 19910523

Cited by  
US8540170B2; DE102009020409A1; EP1920847A1; WO2008056218A3; WO2008132194A1

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DOCDB simple family (publication)  
**EP 0931594 A2 19990728; EP 0931594 A3 20040324; EP 0931594 B1 20060503; DE 19803035 A1 19990729**

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