

Title (en)

Device for producing an adjustable fluid jet

Title (de)

Vorrichtung zur Erzeugung eines einstellbaren Flüssigkeits-strahls

Title (fr)

Dispositif pour la production d'un jet réglable de fluide

Publication

EP 0804968 A3 19980819 (DE)

Application

EP 97106508 A 19970419

Priority

DE 19617479 A 19960502

Abstract (en)

[origin: EP0804968A2] The fluid jet generating device has at least one piston arrangement with a through-hole (51) communicating with the through-passage of the elastic element (18) in the nozzle. The piston arrangement has a control piston (44) bounded by a chamber (45) pressurised with working medium and which acts upon a pressure pin (20) located inside the nozzle pipe (19) rigidly connected to the nozzle head (5). A sealing spigot (50) with a small diameter protrudes from the piston on the side opposite the pressure pin and engages with a bore (49) extending from the pressure chamber.

IPC 1-7

B05B 1/32

IPC 8 full level

B05B 9/01 (2006.01); **B05B 1/32** (2006.01)

CPC (source: EP US)

B05B 1/32 (2013.01 - EP US)

Citation (search report)

- [Y] SU 1057689 A1 19831130 - VNII ZOLOTA REDKIKH METALLOV [SU]
- [Y] US 5323963 A 19940628 - BALLU PATRICK [FR]
- [A] DE 708961 C 19410801 - HANS METZ
- [A] EP 0482369 A1 19920429 - IKEUCHI KK [JP]

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0804968 A2 19971105; EP 0804968 A3 19980819; EP 0804968 B1 20021002; DE 59708349 D1 20021107; JP H1034031 A 19980210; US 5850974 A 19981222

DOCDB simple family (application)

EP 97106508 A 19970419; DE 59708349 T 19970419; JP 9233297 A 19970410; US 84328497 A 19970414