

Title (en)

Atomising nozzle

Title (de)

Zerstäubungsdüse

Title (fr)

Buse d'atomisation

Publication

EP 0520571 B1 19980909 (EN)

Application

EP 92201841 A 19920623

Priority

- GB 9114080 A 19910628
- GB 9205969 A 19920318

Abstract (en)

[origin: EP0520571A1] A method and device are described for atomising liquids, in which the liquid is forced through an annular gap formed between a spherical or conical surface (1,20,20a,92) and a circumambient hole (3,25), which components may be displaced relative to one another to control the flow of liquid through the gap. The size of the gap is controlled by a stop (5,5a,27). <IMAGE>

IPC 1-7

B05B 1/32; B05B 11/00

IPC 8 full level

B05B 1/02 (2006.01); **A61M 11/00** (2006.01); **B05B 1/06** (2006.01); **B05B 1/32** (2006.01); **B05B 11/00** (2006.01); **B05B 11/02** (2006.01); **B05B 11/06** (2006.01)

CPC (source: EP)

B05B 11/0064 (2013.01); **B05B 11/007** (2013.01); **B05B 11/0072** (2013.01); **B05B 11/1001** (2023.01); **B05B 11/1004** (2023.01); **B05B 11/1067** (2023.01); **B05B 11/1069** (2023.01); **B05B 11/1074** (2023.01); **B05B 11/1077** (2023.01)

Cited by

US9700689B2; EP1188486A3; EA009854B1; US5964416A; DE19919461A1; US5881954A; CN115089824A; AT515995A1; AT515995B1; US9744313B2; US9724482B2; WO9616746A1; US10011906B2; US10220163B2; US10124125B2; US10722666B2; US9682202B2; US9827384B2; US9943654B2; WO2005107837A1; WO2019086823A1; US9757750B2; US10099022B2; US7819342B2; US10004857B2; US10124129B2; US10894134B2; US11642476B2; US9814849B2; US10881816B2; US6402055B1; US6497373B2; US6918547B2; US7104470B2; US10016568B2; US10195374B2; US10716905B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0520571 A1 19921230; EP 0520571 B1 19980909; AR 247836 A1 19950428; AT E170778 T1 19980915; AU 1859192 A 19930107; BR 9202411 A 19930126; CA 2072544 A1 19921229; DE 69226908 D1 19981015; DE 69226908 T2 19990128; DK 0520571 T3 19990607; ES 2119794 T3 19981016; FI 922965 A0 19920626; FI 922965 A 19921229; IE 80891 B1 19990519; IE 922089 A1 19921230; JP 3162487 B2 20010425; JP H06178954 A 19940628; MX 9203622 A 19931101; NZ 243321 A 19941125

DOCDB simple family (application)

EP 92201841 A 19920623; AR 32263592 A 19920626; AT 92201841 T 19920623; AU 1859192 A 19920626; BR 9202411 A 19920626; CA 2072544 A 19920626; DE 69226908 T 19920623; DK 92201841 T 19920623; ES 92201841 T 19920623; FI 922965 A 19920626; IE 922089 A 19920701; JP 16958392 A 19920626; MX 9203622 A 19920626; NZ 24332192 A 19920626