

Title (en)
Intermittently operating flushing valve

Title (de)
Taktweise bearbeitendes Spülventil

Title (fr)
Vanne de rinçage à fonctionnement intermittent

Publication
EP 1154085 A1 20011114 (EN)

Application
EP 01110148 A 20010504

Priority
IT MO20000098 A 20000512

Abstract (en)
An intermittently operating flushing valve (1) comprising a container valve body (2) which is internally hollow and provided with a vent valve (2c) arranged above, and connected at its base (2a) to, a pipe (3) for the passage of a stream of liquid that arrives from a pumping means, the pipe (3) being provided with a Venturi tube-like choke (4) located directly downstream of the valve body (2), which has, in its upper inner portion, a first membrane (5) for pushing a flow control element (6) composed of at least one pair of spherical bodies (8,9). <IMAGE>

IPC 1-7
E03F 5/22

IPC 8 full level
E03F 5/10 (2006.01)

CPC (source: EP)
E03F 5/105 (2013.01); **E03F 9/007** (2013.01)

Citation (search report)

- [A] DE 19754751 C1 19990318 - KLEIN SCHANZLIN & BECKER AG [DE]
- [A] EP 0384903 A1 19900829 - FLYGT AB [SE]
- [A] EP 0623713 A1 19941109 - FLYGT AB ITT [SE]
- [A] WO 9954565 A1 19991028 - SZUSTER MIROSDAW [PL]
- [A] EP 0359730 A1 19900321 - FLYGT AB [SE]
- [A] EP 0594548 A1 19940427 - FLYGT AB ITT [SE]

Cited by
EP3309311A1; CN108167454A; CN108843830A; WO2018073138A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1154085 A1 20011114; EP 1154085 B1 20060726; AT E334266 T1 20060815; DE 60121660 D1 20060907; DE 60121660 T2 20070726; ES 2267623 T3 20070316; IT 1314629 B1 20021220; IT MO20000098 A0 20000512; IT MO20000098 A1 20011112

DOCDB simple family (application)
EP 01110148 A 20010504; AT 01110148 T 20010504; DE 60121660 T 20010504; ES 01110148 T 20010504; IT MO20000098 A 20000512