

Title (en)
FLOAT VALVE FOR FILLING A FLUSH TANK

Title (de)
SCHWIMMERVENTIL ZUM BEFÜLLEN EINES SPÜLKASTENS

Title (fr)
SOUPAPE A FLOTTEUR POUR LE REMPLISSAGE D'UN RESERVOIR DE CHASSE

Publication
EP 1066481 A1 20010110 (DE)

Application
EP 99973655 A 19991125

Priority
• CH 9900564 W 19991125
• CH 15199 A 19990128

Abstract (en)
[origin: WO0045076A1] The invention relates to a float valve for filling a flush tank and having a float (19) that is connected to an axially movable valve body (16). Said valve body (16) cooperates with a valve seat (9) of an admission nozzle of a nozzle body (7) that is to be connected to a supply line. Means (8, 15, 17) are provided for changing the cross section (A) of the nozzle that is to be sealed. This makes it possible to adapt the force being exerted on the valve body (16) to the closing force when the valve (1) is closed. The cross section (A) of the nozzle is formed, for instance, by a tubular and deformable membrane (8) or a turning nozzle plate (17).

IPC 1-7
F16K 31/26

IPC 8 full level
F16K 7/06 (2006.01); **F16K 31/26** (2006.01)

CPC (source: EP KR)
F16K 31/26 (2013.01 - EP KR)

Citation (search report)
See references of WO 0045076A1

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

DOCDB simple family (publication)
DE 29918936 U1 20000113; AT 4076 U1 20010125; AU 1146600 A 20000818; AU 758581 B2 20030327; CN 1120317 C 20030903; CN 1295655 A 20010516; EP 1066481 A1 20010110; JP 2002535584 A 20021022; KR 20010042170 A 20010525; WO 0045076 A1 20000803

DOCDB simple family (application)
DE 29918936 U 19991028; AT 81499 U 19991125; AU 1146600 A 19991125; CH 9900564 W 19991125; CN 99804547 A 19991125; EP 99973655 A 19991125; JP 2000596295 A 19991125; KR 20007010623 A 20000925