

Title (en)  
Discharge device for a flush tank

Title (de)  
Ablaufvorrichtung für einen Spülkasten

Title (fr)  
Dispositif d'écoulement pour une chasse d'eau

Publication  
**EP 1016763 B1 20041027 (EN)**

Application  
**EP 99125240 A 19991217**

Priority  
IT TO981116 A 19981230

Abstract (en)  
[origin: EP1016763A2] A discharge device (1) for a flush tank, designed to selectively permit full or partial discharge of the water in the flush tank, and having a main valve (5) for selectively opening and closing at least one drain hole (4) in the flush tank; a float (25) housed movably inside a vessel (8) fittable integrally to the flush tank; stop means (26) for arresting the float (25) and connected integrally to the main valve (5); auxiliary valve means (19) for selectively opening and closing the vessel (8) to vary the amount of water in the vessel and so reduce the thrust exerted on the main valve (5) by the buoyancy of the float (25); and reversible connecting means (31, 32, 35, 36) for reversibly connecting the auxiliary valve means (19) and the main valve (5) when partial discharge is activated. <IMAGE>

IPC 1-7  
**E03D 1/14**

IPC 8 full level  
**E03D 1/14** (2006.01)

CPC (source: EP)  
**E03D 1/142** (2013.01)

Cited by  
EP1630306A1; NL1026899C2; WO2012000921A1

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)  
**EP 1016763 A2 20000705; EP 1016763 A3 20000816; EP 1016763 B1 20041027**; AT E280866 T1 20041115; AU 6556599 A 20000713; DE 69921437 D1 20041202; DE 69921437 T2 20051013; DK 1016763 T3 20050228; ES 2229617 T3 20050416; IL 133728 A0 20010430; IL 133728 A 20040219; IT 1305111 B1 20010410; IT TO981116 A0 19981230; IT TO981116 A1 20000630; PL 196027 B1 20071130; PL 337495 A1 20000703; PT 1016763 E 20050131

DOCDB simple family (application)  
**EP 99125240 A 19991217**; AT 99125240 T 19991217; AU 6556599 A 19991230; DE 69921437 T 19991217; DK 99125240 T 19991217; ES 99125240 T 19991217; IL 13372899 A 19991227; IT TO981116 A 19981230; PL 33749599 A 19991228; PT 99125240 T 19991217