

Title (en)
Flush valve for a flush cistern

Title (de)
Ablaufventil für einen Spülkasten

Title (fr)
Clapet d'écoulement d'un réservoir de chasse d'eau

Publication
EP 1719844 A1 20061108 (DE)

Application
EP 05405339 A 20050506

Priority
EP 05405339 A 20050506

Abstract (en)
The flush valve has a main valve (V) which has a main valve body (3) in a valve housing (2), which forms a piston, over which a discharge chamber (4) is arranged with an auxiliary valve (HV1). The discharge chamber for a rinsing release can be partly emptied. A second auxiliary valve (HV2) is provided with which the discharge chamber for rinse can be interrupted. The auxiliary valves have a common auxiliary valve body (7). During a rinsing a valve opening (68) of the first auxiliary valve is opened and a valve opening (6) of the second auxiliary valve is closed.

IPC 8 full level
E03D 1/14 (2006.01)

CPC (source: EP US)
E03D 1/144 (2013.01 - EP US); **E03D 2001/147** (2013.01 - EP US)

Citation (applicant)
• EP 0722020 A1 19960717 - GEBERIT TECHNIK AG [CH]
• DE 9215972 U1 19940414 - ROST & CO GMBH [DE]
• EP 1270831 A2 20030102 - GEBERIT TECHNIK AG [CH]

Citation (search report)
• [DX] DE 9215972 U1 19940414 - ROST & CO GMBH [DE]
• [DA] EP 0722020 A1 19960717 - GEBERIT TECHNIK AG [CH]
• [A] DE 3400800 A1 19850627 - GEBERIT AG [CH]

Cited by
EP4112828A4; CN103321285A; EP4112830A4; EP4112831A4; EP2865819A1; EP2767639A1; AU2014218200B2; EP4112829A4; WO2014124788A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1719844 A1 20061108; EP 1719844 B1 20160427; AU 2006201757 A1 20061123; AU 2006201757 B2 20110428; CN 1858371 A 20061108; CN 1858371 B 20101006; ES 2574651 T3 20160621; PT 1719844 T 20160801; US 2006248638 A1 20061109; US 7353547 B2 20080408

DOCDB simple family (application)
EP 05405339 A 20050506; AU 2006201757 A 20060427; CN 200610077365 A 20060429; ES 05405339 T 20050506; PT 05405339 T 20050506; US 41811606 A 20060505