

Title (en)
Drain valve for a cistern

Title (de)
Ablaufventil für einen Spülkasten

Title (fr)
Clapet de sortie pour une chasse d'eau

Publication
EP 2149644 A3 20101124 (DE)

Application
EP 09159220 A 20090430

Priority
DE 202008010196 U 20080730

Abstract (en)
[origin: EP2149644A2] The valve (1) has a housing (3) provided with a valve seat (5) that defines a discharge opening (4). An overflow tube (6) comprises of upper parts and lower parts (6b) and is movably supported along a longitudinal axis (X) in the housing. The tube is provided with a seal (7) i.e seal disk, that co-acts with the valve seat at a lower end. The housing has an upper housing part (3a) and a lower housing part (3b), which are connected together in a swivelable manner via one of joint connections (8, 10). The valve seat is swivelable relative to the upper housing part and/or the overflow tube. An independent claim is also included for a cistern comprising an inspection opening.

IPC 8 full level
E03D 1/14 (2006.01)

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

Citation (search report)

- [A] FR 2819835 A1 20020726 - SANITAIRE ACCESSOIRES SERVICES [FR]
- [A] DE 202006018159 U1 20070208 - TECE GMBH & CO KG [DE]
- [A] BE 898158 A 19840301 - AELBRECHT WILLY, et al

Cited by
EP2921596A1; DE102016108510A1; US10364561B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2149644 A2 20100203; EP 2149644 A3 20101124; EP 2149644 B1 20110615; AT E513089 T1 20110715; DE 202008010196 U1 20091217; PT 2149644 E 20110714

DOCDB simple family (application)
EP 09159220 A 20090430; AT 09159220 T 20090430; DE 202008010196 U 20080730; PT 09159220 T 20090430