

Title (en)
Outlet valve

Title (de)
Ablaufventil

Title (fr)
Soupape d'échappement

Publication
EP 1028200 A3 20001108 (DE)

Application
EP 00101119 A 20000121

Priority
DE 19905816 A 19990212

Abstract (en)
[origin: EP1028200A2] The drain valve returns into its closing position after an opening process and at least partial emptying of the water. The valve outlet (1) is formed in a pipe (10), which has a height-adjustable section within the water. In closing position, the outlet is held by a float (3) above the water level (20). There is a device to lower the float, which consists of a ring around the outlet. The pipe is connected to the outlet area of the cistern (2) via a roll membrane (12) or a folded diaphragm.

IPC 1-7
E03D 1/14

IPC 8 full level
B65D 47/20 (2006.01); **E03D 1/14** (2006.01); **E03D 1/34** (2006.01); **E03D 1/35** (2006.01)

CPC (source: EP US)
E03D 1/142 (2013.01 - EP US); **E03D 1/34** (2013.01 - EP US)

Citation (search report)

- [X] US 3280407 A 19661025 - MAURICE AARON
- [A] DE 1097917 B 19610119 - W J STOKVIS KONINK FABRIEK VAN
- [A] US 3461465 A 19690819 - FISHER ANTHONY CHARLES
- [A] GB 2187768 A 19870916 - ALLIA

Cited by
EP3665335A4; US11939206B2

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 1028200 A2 20000816; EP 1028200 A3 20001108; DE 19905816 A1 20000817; JP 2000234369 A 20000829; US 2001016959 A1 20010830; US 6199221 B1 20010313; US 6381764 B2 20020507

DOCDB simple family (application)
EP 00101119 A 20000121; DE 19905816 A 19990212; JP 2000031339 A 20000209; US 49742700 A 20000203; US 77598901 A 20010202