

Title (en)
AN INLET VALVE ARRANGEMENT FOR A TOILET CISTERN

Title (de)
EINLASSVENTILANORDNUNG FÜR EINEN TOILETTENSPÜLKASTEN

Title (fr)
AGENCEMENT DE SOUPAPE D'ADMISSION POUR RÉSERVOIR DE TOILETTES

Publication
EP 3245342 A1 20171122 (EN)

Application
EP 16704475 A 20160113

Priority

- ZA 201500199 A 20150113
- ZA 201505777 A 20150812
- IB 2016050147 W 20160113

Abstract (en)
[origin: WO2016113686A1] The invention relates to an inlet valve arrangement (10) for a toilet cistern which is configured to regulate and control the flow of water. The arrangement includes a connector (12) which is connectable to an inlet water supply, a valve body (14) which is connected to the connector (12) and defines a valve inlet (16); and a sealing mechanism which includes a sealing member (18) which is displaceable relative to the valve body (14) between an open position in which water is permitted to pass through the valve inlet (16) and a closed position in which the sealing member (18) seals off the valve inlet (16) in order to prevent water from passing through the valve inlet (16). An over-centre linkage (20) is connected to the sealing member (18), movable in over-centre fashion between a first position in which the sealing member (18) is in its open position and a second position in which the sealing member (18) is in its closed position.

IPC 8 full level
E03D 1/32 (2006.01); **E03D 1/33** (2006.01)

CPC (source: CN EP US)
E03D 1/32 (2013.01 - CN EP US); **E03D 1/33** (2013.01 - CN EP US); **E03D 5/092** (2013.01 - US)

Citation (search report)
See references of WO 2016113686A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016113686 A1 20160721; BR 112017015058 A2 20180417; CA 2975807 A1 20160721; CN 107407083 A 20171128; EP 3245342 A1 20171122; MX 2017008946 A 20180323; US 2018002907 A1 20180104; ZA 201707051 B 20200930

DOCDB simple family (application)
IB 2016050147 W 20160113; BR 112017015058 A 20160113; CA 2975807 A 20160113; CN 201680014958 A 20160113; EP 16704475 A 20160113; MX 2017008946 A 20160113; US 201615542985 A 20160113; ZA 201707051 A 20171018