

Title (en)
FEEDING DEVICE FOR A FLUSH TANK

Title (de)
SPEISEVORRICHTUNG FÜR EINEN SPÜLKASTEN

Title (fr)
APPAREIL D'ALIMENTATION POUR UN RÉSERVOIR DE CHASSE

Publication
EP 3772553 A1 20210210 (EN)

Application
EP 20189458 A 20200804

Priority
IT 201900014145 A 20190806

Abstract (en)
A feeding device (1) for a flush tank, comprises an internally hollow body (2), a valve assembly (3) housed inside the body (2) and operated by a float (4), a feeding pipe (5) that can be connected to a water supply network to supply a water flow to the valve assembly (3), and a filling pipe (6) through which the water that flows through the valve assembly (3) is poured into the tank; the body (2) houses an inlet conduit (7) and an outlet conduit (8) arranged respectively upstream and downstream of the valve assembly (3) and respectively connected to the feeding pipe (5) and to an outlet (19) facing a mouth (42) of the filling pipe (6) and positioned above said mouth (42) and spaced apart therefrom; the outlet (19) is provided with a flow regulator device (30), configured so as to regulate a liquid flow passing therethrough by dividing the flow in a plurality of adjacent streams.

IPC 8 full level
E03C 1/10 (2006.01); **E03D 1/32** (2006.01); **E03D 11/00** (2006.01)

CPC (source: EP)
E03C 1/102 (2013.01); **E03D 1/32** (2013.01); **E03D 11/00** (2013.01)

Citation (search report)

- [Y] FR 2051939 A5 19710409 - VOIGT HELMUT FA [DE]
- [Y] DE 9108770 U1 19920813
- [Y] EP 2829666 A1 20150128 - GEBERIT INT AG [CH]
- [Y] EP 1361314 A1 20031112 - OLIVEIRA & IRMAO SA [PT]
- [Y] US 1383886 A 19210705 - WEBB SR JEAN F
- [A] EP 1323875 A2 20030702 - OLIVEIRA & IRMAO SA [PT]
- [A] US 3086546 A 19630423 - HAROLD BROWN ERNEST
- [A] US 4745945 A 19880524 - MILLER LOUIS M [US]
- [A] US 2018291606 A1 20181011 - HUANG SO-MEI [TW], et al

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)
EP 3772553 A1 20210210; IT 201900014145 A1 20210206

DOCDB simple family (application)
EP 20189458 A 20200804; IT 201900014145 A 20190806