

Title (en)
INLET VALVE FOR A FLUSH TANK

Title (de)
FÜLLVENTIL FÜR EINEN SPÜLKASTEN

Title (fr)
DISPOSITIF D'ALIMENTATION D'UN RÉSERVOIR DE CHASSE D'EAU

Publication
EP 3147416 B1 20180919 (EN)

Application
EP 16190183 A 20160922

Priority
IT UB20153781 A 20150922

Abstract (en)
[origin: EP3147416A1] A feeding device (1) for a flush tank comprises an internally hollow body (2); a valve assembly (3) housed inside the body (2) and arranged between an inlet conduit (7) and an outlet conduit (8) for selectively opening/closing a passage (9) between the inlet conduit (7) and the outlet conduit (8); and an air vent (24) formed in the body (2) and communicating with the outside of the body (2) and with the outlet conduit (8); a flooding chamber (22), positioned in the body (2) and communicating with the air vent (24) and with the outlet conduit (8); and a conveyor element (25) which projects inside the outlet conduit (8) and forms a narrowing (26) in the outlet conduit (8) for intercepting a water flow circulating in the outlet conduit (8) and causing the filling of the chamber (22) with water and thus preventing the entrance of air into the outlet conduit (8).

IPC 8 full level
E03D 1/32 (2006.01)

CPC (source: EP)
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Cited by
EP3495572A1; WO2021022652A1; WO2021022653A1

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