

Title (en)
FLUSH VALVE FOR A FLUSH CISTERN

Publication
EP 0103045 B1 19851227 (DE)

Application
EP 82108501 A 19820915

Priority
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Abstract (en)
[origin: US4557000A] A toilet-tank discharge valve has a main-valve body that can be lifted off of its face, by release-activating an auxiliary valve with an activating mechanism, as a consequence of negative water balance in an associated discharge compartment. A supplementary auxiliary valve is associated with the discharge compartment and opens at least briefly as a result of discontinuance activation of the activating mechanism, producing a positive water balance in the discharge compartment until the main-valve body closes. A valve of this type, with an auxiliary valve, makes it possible to discontinue the flushing process ahead of time. A shift mechanism in the connection between the activating mechanism and the supplementary auxiliary valve shifts the supplementary auxiliary valve from whatever limiting position it happens to be in into the opposite limiting position in response to a discontinuance activation. This makes it possible for both release and discontinuation activation to be initiated with uniform pressure strokes. This not only makes the device easier to operate but also makes remote activation possible with simple devices.

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E03D 1/34; E03D 1/35; E03D 1/14

IPC 8 full level
E03D 1/14 (2006.01); **E03D 1/30** (2006.01); **E03D 1/34** (2006.01)

CPC (source: EP US)
E03D 1/142 (2013.01 - EP US); **E03D 1/30** (2013.01 - EP US)

Cited by
EP0333657A1; AU754366B2; EP1067246A1; US5926861A; FR2658844A1; EP0522218A1; US5265283A; EP0479716A3; US5265282A; TR27050A; WO9614479A1

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