

Title (en)

Dual volume flush valve for a cistern with improved control swimmer mechanism

Title (de)

Zwei-Mengen-Ablaufventil für einen Spülkasten mit verbessertem Steuerschwimmer-Mechanismus

Title (fr)

Soupepe à double volume pour une chasse d'eau dotée d'un mécanisme de flotteur à commande amélioré

Publication

EP 2141294 A3 20120516 (DE)

Application

EP 09163474 A 20090623

Priority

DE 202008008739 U 20080702

Abstract (en)

[origin: EP2141294A2] The valve (1) has a bracket (7) defining a catch, on which an overflow pipe (3) rests in a raised position, assigned to a complete flushing by a projection (3.2) in the overflow pipe. The bracket has a lever (8) which is actuated for withdrawing the projection, where the projection seats on the catch in the position assigned to the complete flushing. A lower float (6) i.e. control float, is rotatably supported by the bracket. The lever is rotatably supported at the bracket and connectable with the lower float such that the lever is actuated by the lower float.

IPC 8 full level

E03D 1/14 (2006.01)

CPC (source: EP)

E03D 1/144 (2013.01)

Citation (search report)

- [AD] DE 202006016050 U1 20080228 - VIEGA GMBH & CO KG [DE]
- [A] EP 0723050 A1 19960724 - FRIATEC KERAMIK KUNSTSTOFF [DE]
- [A] EP 1428945 A2 20040616 - POLYPIPE BATHROOM & KITCHEN PR [GB]
- [A] EP 1795660 A2 20070613 - OLIVEIRA & IRMAO SA [PT]
- [A] WO 2007059398 A2 20070524 - OAKHURST PROPERTIES LLC [US], et al

Cited by

DE102016113772A1; ES2436649A1; DE202016104089U1; US10578217B2; WO2019209219A3; EP3900530A1; WO2021213824A1; DE202015104665U1; EP3138969A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 202008008739 U1 20091119; DK 2141294 T3 20130610; EP 2141294 A2 20100106; EP 2141294 A3 20120516; EP 2141294 B1 20130313; ES 2406357 T3 20130606; PT 2141294 E 20130514; SI 2141294 T1 20130628

DOCDB simple family (application)

DE 202008008739 U 20080702; DK 09163474 T 20090623; EP 09163474 A 20090623; ES 09163474 T 20090623; PT 09163474 T 20090623; SI 200930590 T 20090623