

Title (en)
FLUSH TOILET

Title (de)
SPÜLTOILETTE

Title (fr)
TOILETTES À CHASSE

Publication
EP 2894267 A4 20160706 (EN)

Application
EP 13879541 A 20130607

Priority
• JP 2012180841 A 20120817
• JP 2013065886 W 20130607

Abstract (en)
[origin: US2015152628A1] The flush toilet bowl includes: a toilet bowl portion; a toilet drainage channel; a toilet bowl main body that includes: a first water discharge port that discharges a first cleaning water that forms a swirling flow; and a second water discharge port that discharges a second cleaning water that is joined, on the downstream side of the first cleaning water flowing on the surface of the toilet bowl portion, by the first cleaning water and forms a downward flow toward the toilet drainage channel; and a toilet bowl cleaning device that supplies the first and second cleaning water, wherein by the time the first cleaning water reaches a merging point where the first cleaning water joins the second cleaning water that forms the downward flow, the second cleaning water has been increased to a set flow rate.

IPC 8 full level
E03D 11/08 (2006.01); **E03D 11/13** (2006.01)

CPC (source: CN EP US)
E03D 3/00 (2013.01 - US); **E03D 5/00** (2013.01 - US); **E03D 11/08** (2013.01 - CN EP US); **E03D 11/13** (2013.01 - CN);
E03D 2201/40 (2013.01 - CN US)

Citation (search report)
• [XD] JP 2011157738 A 20110818 - LIXIL CORP
• [I] WO 2008136909 A1 20081113 - KOHLER CO [US], et al
• [I] EP 1234921 A1 20020828 - INAX CORP [JP]
• [A] US 2004040076 A1 20040304 - HAN JOSEPH UNKYUNG [US], et al
• See references of WO 2014027499A1

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

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US 2015152628 A1 20150604; CA 2881752 A1 20140220; CN 104583501 A 20150429; CN 104583501 B 20161012; EP 2894267 A1 20150715; EP 2894267 A4 20160706; HK 1205543 A1 20151218; JP 2014037724 A 20140227; JP 6006037 B2 20161012; PH 12015500300 A1 20150420; TW 201408841 A 20140301; WO 2014027499 A1 20140220

DOCDB simple family (application)
US 201514619507 A 20150211; CA 2881752 A 20130607; CN 201380043280 A 20130607; EP 13879541 A 20130607; HK 15106115 A 20150626; JP 2012180841 A 20120817; JP 2013065886 W 20130607; PH 12015500300 A 20150211; TW 102124373 A 20130708