

Title (en)

Holding tank and flush toilet provided therewith

Title (de)

Halte-tank und Spültoilette damit

Title (fr)

Réservoir de stockage et chasse d'eau fourni avec celui-ci

Publication

EP 2128351 A3 20121017 (EN)

Application

EP 09161578 A 20090529

Priority

- JP 2008142989 A 20080530
- JP 2009006782 A 20090115

Abstract (en)

[origin: EP2128351A2] Disclosed is a flush toilet holding tank (8) mounted on a flush toilet main body (2) and used by joining to the flush toilet main body, comprising: a tank bottom surface (14a) on which a tank drain opening is provided for causing flush water to flow to the flush toilet main body; a tank main body (14) furnished with a tank side surface (14b) extending upward from the tank bottom surface; a tank affixing portion (16) furnished with an projecting portion (16a) protruding outside of an area [defined by] vertically projecting a closed curve (C) at the outside perimeter of the tank bottom surface; and an affixing means (10, 22b) for joining the tank main body to the flush toilet main body via a tank affixing portion by affixing the projecting portion to the flush toilet main body by an operation from outside the flush toilet main body and the tank main body.

IPC 8 full level

E03D 1/26 (2006.01); **E03D 1/01** (2006.01)

CPC (source: EP)

E03D 1/01 (2013.01); **E03D 1/26** (2013.01)

Citation (search report)

- [X] US 2108625 A 19380215 - TILDEN BERT O
- [X] DE 2724413 A1 19781207 - ABU PLAST KUNSTSTOFF
- [A] US 6728976 B1 20040504 - HALLORAN DANIEL N [US], et al
- [A] US 4924533 A 19900515 - STAIRS JR HENRY M [US]
- [A] EP 0187657 A2 19860716 - KOHLER CO [US]

Cited by

US2017037609A1; EP3124710A1; EP2868820A1; US10260221B2; US10208471B2; WO2016105292A3; US10738448B2; US10214890B2; US10995482B2

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)

EP 2128351 A2 20091202; EP 2128351 A3 20121017; EP 2128351 B1 20131106; CN 101591931 A 20091202; CN 101591931 B 20110601; JP 2010007451 A 20100114; JP 5648267 B2 20150107

DOCDB simple family (application)

EP 09161578 A 20090529; CN 200910203241 A 20090525; JP 2009006782 A 20090115