

Title (en)
FLUSH TOILET DEVICE

Title (de)
SPÜLTOILETTENVORRICHTUNG

Title (fr)
DISPOSITIF DE CHASSE D'EAU DE TOILETTES

Publication
EP 3321438 A1 20180516 (EN)

Application
EP 16821372 A 20160704

Priority
• JP 2015137258 A 20150708
• JP 2015137259 A 20150708
• JP 2015179523 A 20150911
• JP 2016069766 W 20160704

Abstract (en)
A toilet main body 12 having a toilet bowl portion 14 and a water discharge portion 36 for discharging washing water to the inside of the toilet bowl portion 14 is provided. The toilet bowl portion 14 has a receiving surface portion 26 for receiving waste and a rim portion 28 that is connected to an upper edge 26a of the receiving surface portion 26. The water discharge portion 36 has three water discharge ports 32A-32C formed in the rim portion 28 and discharges washing water toward one side in a circumferential direction along the inner circumferential surface of the rim portion 28 from the three water discharge ports 32A-32C. The toilet bowl portion 14 has four divided regions Sr1-Sr4 sectioned by a lateral center line that bisects the lateral dimension of an outer surface portion of the toilet main body 12 and by a longitudinal center line that bisects the longitudinal dimension of an inner surface portion of the toilet bowl portion 14 in a planar view, and the three water discharge ports 32A-32C are separately formed respectively in three divided regions out of the four divided regions Sr1-Sr4.

IPC 8 full level
E03D 11/08 (2006.01)

CPC (source: EP)
E03D 11/08 (2013.01); **E03D 2201/40** (2013.01)

Cited by
EP4130407A1; US11828051B2; WO2023011889A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3321438 A1 20180516; EP 3321438 A4 20190327; EP 3321438 B1 20201111; CN 107709676 A 20180216; CN 107709676 B 20200221; WO 2017006903 A1 20170112

DOCDB simple family (application)
EP 16821372 A 20160704; CN 201680036606 A 20160704; JP 2016069766 W 20160704