

Title (en)
LOW NOISE WC

Title (de)
GERÄUSCHARME TOILETTE

Title (fr)
TOILETTES À FAIBLE BRUIT

Publication
EP 3215682 A1 20170913 (EN)

Application
EP 15808790 A 20151104

Priority
• IT RM20140643 A 20141104
• IB 2015058528 W 20151104

Abstract (en)
[origin: WO2016071852A1] A WC (1) comprising a structure (2) defining at least one bowl (3) and a flushing water supply duct (5) obtained in a rear portion (2a) of the structure (2) to be connected to a water supply network, extending along an axis X and communicating with the bowl (3) so as to allow the flushing water to flow through. The flushing water supply duct (5) is defined at least by a flowing portion (8) and by an outlet portion (9) directly connected to the flowing portion and in a lateral wall (10) of which a single flushing opening (6) is obtained for the flowing of flushing water from the duct (5) to the bowl (3). The opening (6) has a flow-through section with an area ranging from 20 to 50% of the area of the flow-through section of the outlet portion (9) and the outlet portion (9) has a flow-through section with an area ranging from 35 to 65% of the area of the flow-through section of said flowing portion (8).

IPC 8 full level
E03D 11/08 (2006.01); **E03D 11/13** (2006.01); **E03D 11/17** (2006.01)

CPC (source: EP)
E03D 11/08 (2013.01); **E03D 11/13** (2013.01); **E03D 2201/20** (2013.01)

Citation (search report)
See references of WO 2016071852A1

Cited by
EP4105401A1; US12018471B2; WO2021052454A1

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)
WO 2016071852 A1 20160512; WO 2016071852 A8 20160728; CY 1122069 T1 20201125; DK 3215682 T3 20190902;
EP 3215682 A1 20170913; EP 3215682 B1 20190717; ES 2747631 T3 20200311; HR P20191694 T1 20191213; HU E046907 T2 20200330;
LT 3215682 T 20191010; PL 3215682 T3 20191231; PT 3215682 T 20190913; RS 59372 B1 20191129; SI 3215682 T1 20191129

DOCDB simple family (application)
IB 2015058528 W 20151104; CY 191100953 T 20190909; DK 15808790 T 20151104; EP 15808790 A 20151104; ES 15808790 T 20151104;
HR P20191694 T 20190919; HU E15808790 A 20151104; LT 15808790 T 20151104; PL 15808790 T 20151104; PT 15808790 T 20151104;
RS P20191251 A 20151104; SI 201530913 T 20151104