

Title (en)
WALL-MOUNTED TOILET FIXING DEVICE

Title (de)
WANDMONTIERTE TOILETTENBEFESTIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE FIXATION DE TOILETTES À MONTAGE MURAL

Publication
EP 3498926 A1 20190619 (EN)

Application
EP 17208232 A 20171218

Priority
EP 17208232 A 20171218

Abstract (en)
A wall-mounted toilet fixing device comprises a housing (1), a driven member (2), at least one press block (3) movably fitted on the driven member (2), a driving member (4) for driving the driven member (2) to rotate and for driving the press block (3) to engage with a screw rod (S), and a driver (5) for driving the driving member (4) to rotate. The housing (1) has a first chamber body (13) and a second chamber body (14) which are intersected and communicated with each other. The driver (5) is rotatably fitted in the first chamber body (13). The driving member (4) and the driven member (2) are rotatably fitted in the second chamber body (14). The driving member (4) is movably sleeved on the driven member (2). The driver (5) cooperates with the driving member (4) through an intersecting shaft gear transmission mechanism or an interlaced shaft gear transmission mechanism. The driving member (4) is movably engaged with the driven member (2). A rotation damping mechanism is provided between the driven member (2) and the second chamber body (14). A side wall of the driven member (2) is provided with at least one engaging hole (22) passing through the side wall of the driven member (2). The press block (3) is movably fitted in the engaging hole (22). An inner surface of the press block (3) is formed with an engaging surface (31). The wall-mounted toilet fixing device is used for fixing a wall-mounted toilet (C), having the advantages of a simple operation and a wide adjusting range.

IPC 8 full level
E03C 1/322 (2006.01); **E03D 11/14** (2006.01)

CPC (source: EP)
E03D 11/14 (2013.01)

Citation (search report)
• [A] DE 202012104847 U1 20130322 - SANITEC OY [FI]
• [A] DE 202010009280 U1 20111222 - FISCHER ITALIA S R L [IT]
• [A] WO 2017203335 A1 20171130 - CERAVALLS PUJOL RAMON [ES], et al
• [A] EP 3033979 A1 20160622 - FISCHERWERKE GMBH & CO KG [DE]

Cited by
EP3633114A1; CN114525836A; WO2022025839A1; WO2021077820A1

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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BA ME

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