

Title (en)

Toilet lid with hydraulic closing brake

Title (de)

Toilettenabdeckung mit hydraulischer Absenkbremse

Title (fr)

Dispositif d'abattants de cuvette WC avec frein de chute hydraulique

Publication

EP 1454580 B1 20070221 (FR)

Application

EP 04354009 A 20040302

Priority

FR 0302821 A 20030307

Abstract (en)

[origin: EP1454580A1] The device has two coaxial hinges, each with two hinge units, where hinge units (14b, 15a) are connected to respective axles by a fixed mechanical connection, and hinge units (14a, 15b) rotate freely on the axles. The axles are placed in a support plate inside the levels, to allow disassembling of a lid and glasses, with 90 degree. Each level in the shape of C is laid out between units (14a, 15a) and units (14b, 15b).

IPC 8 full level

A47K 13/10 (2006.01)

CPC (source: EP)

A47K 13/10 (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1454580 A1 20040908; EP 1454580 B1 20070221; AT E354307 T1 20070315; DE 602004004825 D1 20070405; DE 602004004825 T2 20071031; ES 2282827 T3 20071016; FR 2851908 A1 20040910; FR 2851908 B1 20061117; PL 1454580 T3 20070928; PT 1454580 E 20070531

DOCDB simple family (application)

EP 04354009 A 20040302; AT 04354009 T 20040302; DE 602004004825 T 20040302; ES 04354009 T 20040302; FR 0302821 A 20030307; PL 04354009 T 20040302; PT 04354009 T 20040302