

Title (en)

Toilet hinge arrangement for releaseable fastening of toilet cover assembly

Title (de)

Scharniervorrichtung für Toiletten zum lösbaren Festsetzen einer Toiletdeckelvorrichtung

Title (fr)

Dispositif de charnière pour toilette pour la fixation amovible d'un dispositif de couvercle de toilette

Publication

EP 1616519 A3 20061102 (EN)

Application

EP 05388053 A 20050629

Priority

DK PA200401101 A 20040712

Abstract (en)

[origin: EP1616519A2] Toilet hinge arrangement (1) for fastening of a toilet cover assembly (5) including a toilet seat (16) and/or a toilet cover (17) to a toilet bowl (18) so that the toilet cover assembly can pivot about a substantially horizontal hinge axis. The toilet hinge arrangement includes an upwardly extending shaft member and a transverse shaft member releasably connected to the upwardly extending shaft member. Via a radial opening (5) the first shaft member (7) is inserted into a cavity (4) in the second shaft member (8). The first shaft member (7) is retained in the cavity (4) by means of a U-shaped spring (19) which with a resilient leg (26) is arranged below a radial projection (28) on the first shaft member (7). The free end of the resilient leg (26) abuts a contact face (30). When pressure is exerted on the U-shaped spring, on abutting the contact face (30) the resilient leg (26) will be deflected away from the first shaft member (7), by this the first shaft member (7) can be released from the second shaft member (8).

IPC 8 full level

A47K 13/12 (2006.01)

CPC (source: EP)

A47K 13/12 (2013.01)

Citation (search report)

- [A] EP 1123682 A2 20010816 - CAVAGNA & SIPEX INTERNAT S R L [IT]
- [A] DE 4409516 A1 19940929 - SANIPLAST SPA [IT]
- [A] US 2003204900 A1 20031106 - HSIEH ELVIS [TW]

Cited by

DE102014105342A1; CN104433944A; EP3135167A4; EP3851004A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1616519 A2 20060118; EP 1616519 A3 20061102; EP 1616519 B1 20100113; AT E454842 T1 20100115; DE 602005018861 D1 20100304; DK 176094 B1 20060529; DK 200401101 A 20060113

DOCDB simple family (application)

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