

Title (en)
Detachable toilet seat apparatus

Title (de)
Abnehmbarer Toilettensitz

Title (fr)
Siège de toilette démontable

Publication
EP 1709896 A3 20070411 (EN)

Application
EP 06110863 A 20060308

Priority
JP 2005093371 A 20050329

Abstract (en)
[origin: EP1709896A2] A toilet seat apparatus (1) includes a base portion (4, 40) adapted to be fixed on a toilet bowl (5), a main body portion (2, 20) detachably mounted on the base portion, a toilet seat (6) rotatably supported by the main body portion, a guide groove (43) formed at the base portion and extending in a backward and forward direction of the toilet bowl and having an opening portion (3) at a front side thereof, and a pin (22) provided at the main body portion, the pin being inserted into the guide groove for allowing the main body portion to slide relative to the base portion, rise from the base portion, and to detach from the base portion.

IPC 8 full level
A47K 13/12 (2006.01); **A47K 13/26** (2006.01); **A47K 13/30** (2006.01)

CPC (source: EP KR US)
A47K 13/12 (2013.01 - EP KR US); **A47K 13/26** (2013.01 - EP KR US); **A47K 13/305** (2013.01 - EP US)

Citation (search report)

- [A] GB 2389144 A 20031203 - LIN CHI-FU [TW]
- [DA] JP H09316976 A 19971209 - AISIN SEIKI
- [A] JP H09253005 A 19970930 - SANYO ELECTRIC CO, et al
- [A] US 5251338 A 19931012 - LIGHT HOMER E [US]

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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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1709896 A2 20061011; **EP 1709896 A3 20070411**; **EP 1709896 B1 20091021**; CN 100582401 C 20100120; CN 1840790 A 20061004; DE 602006009863 D1 20091203; ES 2334697 T3 20100315; JP 2006271568 A 20061012; JP 4516465 B2 20100804; KR 101004716 B1 20110104; KR 20060105491 A 20061011; US 2006218710 A1 20061005

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EP 06110863 A 20060308; CN 200610065356 A 20060323; DE 602006009863 T 20060308; ES 06110863 T 20060308; JP 2005093371 A 20050329; KR 20060027919 A 20060328; US 36553006 A 20060302