

Title (en)

HINGED FLIP COVER MECHANISM OF TOILET SEAT COVER

Title (de)

SCHARNIERTER KLAPPDECKELMECHANISMUS EINER TOILETTENSITZABDECKUNG

Title (fr)

MÉCANISME DE COUVERCLE RABATTABLE ARTICULÉ POUR COUVERCLE DE SIÈGE DE TOILETTE

Publication

EP 3097834 A4 20171213 (EN)

Application

EP 15740488 A 20150122

Priority

- CN 201410032222 A 20140123
- CN 2015071306 W 20150122

Abstract (en)

[origin: EP3097834A1] A hinged flip cover mechanism of a toilet seat cover, comprising a seat, a toilet seat cover and hinge modules (3); the toilet seat cover is connected to the seat via the hinge modules (3); when the toilet seat cover is flipped open, a gap between the toilet seat cover and the seat is gradually increased with the flip angle, and when the toilet seat cover is closed, the gap between the toilet seat cover and the seat is gradually reduced with the closing angle; the hinge modules comprise a first hinge crank (32) and a second hinge crank (33); the first end of the first hinge crank (32) is slidably fit to the rear part of the toilet seat cover, and the second end of the first hinge cranks (32) is rotatably connected to the rear part of the toilet seat cover; and the middle part of the first hinge crank (32) is pivotally connected to the middle part of the second hinge crank (33). The device has a small overall height and supports small-gap flipping, and has a toilet seat cover with a neat overall appearance, has a small footprint, and is easy to clean.

IPC 8 full level

A47K 13/12 (2006.01); **A47K 13/10** (2006.01); **E05F 15/614** (2015.01); **E05F 15/619** (2015.01)

CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (application)

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