

Title (en)

SEALED TOILET SEAT AND LID

Title (de)

ABGEDICHTETER TOILETTENSITZ UND -DECKEL

Title (fr)

SIÈGE DE TOILETTE ÉTANCHE ET COUVERCLE

Publication

EP 4111922 A1 20230104 (EN)

Application

EP 22180410 A 20220622

Priority

- US 202163215559 P 20210628
- US 202217839900 A 20220614

Abstract (en)

A toilet seat assembly configured to enclose a toilet bowl includes a toilet seat rotatably connected to the toilet bowl, a first seal configured to seal a space between the toilet seat and a rim of the toilet seat, a rotatable hood configured to enclose the toilet seat and a second seal configured to seal a space between the hood and the toilet seat.

IPC 8 full level

A47K 13/30 (2006.01); **E03D 9/00** (2006.01)

CPC (source: CN EP US)

A47K 13/242 (2013.01 - US); **A47K 13/30** (2013.01 - EP US); **A47K 13/302** (2013.01 - CN EP); **A47K 13/307** (2013.01 - EP); **E03D 9/002** (2013.01 - US); **E03D 9/005** (2013.01 - EP)

Citation (applicant)

- US 63215559 P
- US 202217839900 A 20220614

Citation (search report)

- [X] EP 3541257 A1 20190925 - CROSS TIMOTHY PHILIP [GB]
- [X] WO 2014129755 A1 20140828 - LEE SANG JAE [KR]
- [A] WO 2017178884 A1 20171019 - GILFILLAN ROBERT [AU]

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4111922 A1 20230104; CN 115590402 A 20230113; US 2022408988 A1 20221229

DOCDB simple family (application)

EP 22180410 A 20220622; CN 202210746220 A 20220628; US 202217839900 A 20220614