

Title (en)
Hand rail

Title (de)
Handlauf

Title (fr)
Main-courante

Publication
EP 1969983 A3 20091216 (EN)

Application
EP 08250155 A 20080112

Priority
GB 0704675 A 20070310

Abstract (en)
[origin: EP1969983A2] A vertically pivotable surface-mountable hand rail (10) for supporting an elderly or infirm person, comprises a surface-mountable base element (12), an elongate hand-rail member (14), and a pivotable clamping knuckle (16) which interconnects the hand-rail member (14) and the base element (12) for in use vertical pivotable movement of the hand-rail member (14). The clamping knuckle (16) projects laterally to a longitudinal extent of the hand-rail member (14) for preventing or limiting in use horizontal movement of the hand-rail member (14). A toilet-roll holder (172) is also provided.

IPC 8 full level
A47K 17/02 (2006.01); **A47K 10/38** (2006.01)

CPC (source: EP GB US)
A47K 10/10 (2013.01 - GB); **A47K 10/22** (2013.01 - GB); **A47K 10/32** (2013.01 - GB); **A47K 10/38** (2013.01 - EP US);
A47K 17/02 (2013.01 - GB); **A47K 17/024** (2013.01 - EP US); **E04F 11/18** (2013.01 - GB); **E04F 11/1834** (2013.01 - GB)

Citation (search report)

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- [A] GB 1441825 A 19760707 - LANDSTINGENS INKOPSCENTRAL
- [A] JP 2002238806 A 20020827 - TOTO LTD
- [X] US 6305035 B1 20011023 - MORRIS FRANCES LENORE [US]
- [X] US 4513923 A 19850430 - ULICS GEORGE [US]
- [X] US 5297749 A 19940329 - WHITE MARK E [US]
- [X] US 1825822 A 19311006 - RUNDELL RAYMOND R
- [A] GB 2242700 A 19911009 - MOTOROLA ISRAEL LTD [IL]
- [A] BE 354075 A

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1969983 A2 20080917; EP 1969983 A3 20091216; EP 1969983 B1 20110824; AT E521269 T1 20110915; ES 2370085 T3 20111212;
GB 0704675 D0 20070418; GB 2447419 A 20080917; US 2008216227 A1 20080911

DOCDB simple family (application)
EP 08250155 A 20080112; AT 08250155 T 20080112; ES 08250155 T 20080112; GB 0704675 A 20070310; US 1996308 A 20080125