

Title (en)
SHOWER DOOR

Title (de)
DUSCHTÜR

Title (fr)
PORTE DE DOUCHE

Publication
EP 3738489 A4 20201118 (EN)

Application
EP 19861302 A 20190401

Priority
CN 2019080829 W 20190401

Abstract (en)
[origin: EP3738489A1] A shower door comprises a fixed component, a movable door (100), a closer (400), a clamping seat (102) and a fixed seat (206), the fixed component being fixedly mounted in a shower room, the movable door (100) being rotatable around a rotational shaft (101), and the closer (400) comprising a main body (401) and a sliding body (402) which penetrates through a first end of the main body and is extendable and retractable along a longitudinal direction of the main body; a second end of the main body (401) is fixedly connected with the movable door (100) through the clamping piece (102), an outer end of the sliding body (402) being hinged with the fixed seat (206), and the fixed seat (206) being fixedly connected with the fixed component; the distance from the position where the outer end of the sliding body (402) is hinged to the fixed seat (206) to the rotational shaft is smaller than the distance from the clamping seat (102) to the rotational shaft (101). The closing force of the closer (400) required when the movable door (100) of the shower door is closed is greatly reduced, so that the size of the closer (400) can be reduced.

IPC 8 full level
A47K 3/36 (2006.01); **E05F 3/10** (2006.01)

CPC (source: CN EP)
A47K 3/36 (2013.01 - CN EP); **E05F 3/00** (2013.01 - CN); **E05F 3/108** (2013.01 - EP); **E05F 3/227** (2013.01 - CN); **E05F 1/1041** (2013.01 - EP); **E05Y 2600/46** (2013.01 - CN); **E05Y 2600/50** (2013.01 - CN); **E05Y 2600/502** (2013.01 - EP); **E05Y 2600/51** (2013.01 - EP); **E05Y 2600/626** (2013.01 - EP); **E05Y 2800/122** (2013.01 - EP); **E05Y 2800/672** (2013.01 - EP); **E05Y 2900/114** (2013.01 - CN EP)

Citation (search report)

- [I] CN 108699878 A 20181023 - IDEAL SANITARY WARE CO LTD
- [A] US 6317922 B1 20011120 - KONDRATUK MICHAEL W [US]
- See references of WO 2020199082A1

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

DOCDB simple family (publication)
EP 3738489 A1 20201118; **EP 3738489 A4 20201118**; **EP 3738489 B1 20220608**; CN 110167405 A 20190823; CN 110167405 B 20211109; ES 2920482 T3 20220804; WO 2020199082 A1 20201008

DOCDB simple family (application)
EP 19861302 A 20190401; CN 2019080829 W 20190401; CN 201980000459 A 20190401; ES 19861302 T 20190401