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: WO2020199082A1] Disclosed is a shower door, comprising a fixing component, a movable door (100), a closer (400), a clamping piece (102) and a fixing seat (206). The fixing component is fixedly mounted in a shower room; the movable door (100) can rotate around a rotating shaft (101); the closer (400) comprises a main body (401) and a sliding body (402) penetrating the first end of the main body (401) and capable of longitudinally extending and retracting along same; the second end of the main body (401) is fixedly connected to the movable door (100) by means of the clamping piece (102); the outer end of the sliding body (402) is hinged to the fixing seat (206), and the fixing seat (206) is fixedly connected to the fixing component; and the distance from the position, where an outer end of the sliding body (402) is hinged to the fixing seat (206), to the rotating shaft is less than the distance from the clamping piece (102) to the rotating shaft (101). When the movable door (100) of the shower door is closed, the effort needed to close the closer (400) is greatly reduced, such that the size of the closer (400) is 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 also 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**; CN 110167405 A 20190823; WO 2020199082 A1 20201008

DOCDB simple family (application)

EP 19861302 A 20190401; CN 2019080829 W 20190401; CN 201980000459 A 20190401