

Title (en)
HANDLE ASSEMBLY AND SHOWER DOOR

Title (de)
GRIFFANORDNUNG UND DUSCHTÜR

Title (fr)
ENSEMBLE FORMANT POIGNÉE ET PORTE DE DOUCHE

Publication
EP 3517712 B1 20200729 (EN)

Application
EP 17918698 A 20171115

Priority
CN 2017111174 W 20171115

Abstract (en)
[origin: EP3517712A1] A handle assembly and a shower door are provided. The handle assembly (300) includes a handle seat (310); the handle seat (310) includes a through hole (311); the handle seat (310) further includes a plurality of inner side holes (312) and a plurality of first magnets (313) placed in the inner side holes (312); the inner side holes (312) are disposed in a manner of surrounding the through hole (311); the first magnets (313) are columnar; axes of the first magnets (313) are parallel to the inner side holes (312); the first magnets (313) are divided into south poles and the north poles in a radial direction and may rotate about the axes in the inner side holes (312); the handle assembly (300) further includes a waterproof piece (320); the waterproof piece (320) includes baffles (325) and flanges (327) located at edges of the baffles (325); the waterproof piece (320) is placed in the through hole (311); the flanges (327) are engaged with the through hole (311); the flanges (327) include a plurality of outer side holes (326) and a plurality of second magnets (328) placed in the outer side holes (326); the outer side holes (326) are disposed in a manner of surrounding the baffles (325); the second magnets (328) are columnar; axes of the second magnets (328) are parallel to the inner side holes (312); and the second magnets (328) are divided into south poles and the north poles in a radial direction and may rotate about the axes in the outer side holes (326). When the handle assembly is applied to the shower door, the beneficial effects of water proofing, space saving and the like can be brought, and the waterproof piece may be opened and closed in multiple directions.

IPC 8 full level
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CPC (source: CN EP)
E05B 1/0015 (2013.01 - EP); **E05B 5/00** (2013.01 - CN EP); **E06B 3/4636** (2013.01 - CN); **A47K 3/36** (2013.01 - EP)

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