

Title (en)
SANITARY FIXTURE

Title (de)
SANITÄRES EINBAUTEIL

Title (fr)
ÉLÉMENT SANITAIRE À INCORPORER

Publication
EP 3445921 A1 20190227 (DE)

Application
EP 18718696 A 20180313

Priority
• DE 202017101442 U 20170313
• EP 2018056206 W 20180313

Abstract (en)
[origin: CN207567868U] The utility model relates to a health embedded part (1), purpose are the beam images that improves the water beam that jets out. This health embedded part (1) has the setting in diffuser (3) at functional unit (2) rear with set up in annular chamber (24) at diffuser (3) rear, and the area of the opening cross section of egress opening (9) of diffuser (3) is constructed to being greater than the area of the opening cross section of inflow entrance (5) of diffuser (3) maximum 10%, and/or annular chamber (24) structure has a profile, the profile permits oval (26, 28) with as far as possible little degree of eccentricity inscribe in the vertical section of embedded part (1). The beneficial effects of the utility model are that, provide constrictive spatial relationship in the diffuser space, through constrictive spatial relationship can obstruct the vortex in rivers.

IPC 8 full level
E03C 1/084 (2006.01)

CPC (source: CN EP US)
E03C 1/08 (2013.01 - CN); **E03C 1/084** (2013.01 - CN EP US); **E03C 1/086** (2013.01 - CN US); **E03C 2001/026** (2013.01 - US)

Citation (search report)
See references of WO 2018167042A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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DE 202017101442 U1 20180614; CN 108571038 A 20180925; CN 108571038 B 20210202; CN 109642422 A 20190416; CN 109642422 B 20210406; CN 111691506 A 20200922; CN 111691506 B 20220308; CN 207567868 U 20180703; CN 208329066 U 20190104; EP 3445921 A1 20190227; EP 3445921 B1 20200520; EP 3620585 A2 20200311; EP 3620585 A3 20200422; EP 3620585 B1 20220427; EP 3779077 A1 20210217; EP 3779077 B1 20221102; ES 2804305 T3 20210205; ES 2931831 T3 20230103; PL 3445921 T3 20201019; PL 3779077 T3 20230626; US 11732451 B2 20230822; US 2021388586 A1 20211216; WO 2018167042 A1 20180920

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DE 202017101442 U 20170313; CN 201710466505 A 20170620; CN 201720720921 U 20170620; CN 201820734122 U 20170620; CN 201880003258 A 20180313; CN 202010573438 A 20180313; EP 18718696 A 20180313; EP 19185025 A 20180313; EP 2018056206 W 20180313; EP 20193715 A 20180313; ES 18718696 T 20180313; ES 20193715 T 20180313; PL 18718696 T 20180313; PL 20193715 T 20180313; US 201816328005 A 20180313