

Title (en)
FAST SWITCH AND CORRESPONDING USE

Title (de)
SCHNELLSCHALTER UND KORRESPONDIERENDE VERWENDUNG

Title (fr)
COMMUTATEUR À ACTION RAPIDE ET UTILISATION CORRESPONDANTE

Publication
EP 4200483 A1 20230628 (DE)

Application
EP 21762005 A 20210809

Priority
• TW 109128301 A 20200819
• EP 2021072207 W 20210809

Abstract (en)
[origin: WO2022037989A1] For a fast switch (25) for a sanitary device (26), more particularly a shower device (27), which fast switch is designed to connect a water source (A) and a water outlet apparatus (B), it is proposed that the fast switch (25) for a sanitary device (26), more particularly a shower device (27), comprises: - a tube body (10), which comprises a water inlet end (11) designed for connecting to the water source (A), a water outlet end (12) designed to connect to the water outlet apparatus (B), the water outlet end (12) and the water inlet end (11) being able to approach each other or move away from each other, and a press piece (13), which is disposed on the water outlet end (12) and moves with the water outlet end (12); and - a valve body (20), which is disposed in the tube body (10) and can realize at least two fluidic switching states between the water inlet end (11) and the water outlet end (12), the valve body (20) comprising a switching element (24), and the press piece (13) of the tube body (10) being able to press the switching element (24) of the valve body (20) as a result of the mutual approaching of the water inlet end (11) and the water outlet end (12), whereby the valve body (20) is switched, in order to selectively set one of the at least two fluidic switching states between the water inlet end (11) and the water outlet end (12).

IPC 8 full level
E03C 1/04 (2006.01); **F16K 7/14** (2006.01); **F16K 31/44** (2006.01)

CPC (source: CN EP US)
E03C 1/0403 (2013.01 - EP US); **E03C 1/0404** (2013.01 - US); **E03C 1/0409** (2013.01 - EP US); **F16K 7/14** (2013.01 - EP); **F16K 7/16** (2013.01 - CN US); **F16K 27/0236** (2013.01 - CN US); **F16K 31/44** (2013.01 - CN); **F16K 31/445** (2013.01 - EP US); **F16K 31/56** (2013.01 - EP US); **F16K 31/60** (2013.01 - CN US)

Citation (search report)
See references of WO 2022037989A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022037989 A1 20220224; CA 3192035 A1 20220224; CN 114076209 A 20220222; EP 4200483 A1 20230628; JP 2023538856 A 20230912; TW 202208768 A 20220301; TW I796588 B 20230321; US 2023287666 A1 20230914

DOCDB simple family (application)
EP 2021072207 W 20210809; CA 3192035 A 20210809; CN 202110949541 A 20210818; EP 21762005 A 20210809; JP 2023509737 A 20210809; TW 109128301 A 20200819; US 202118019137 A 20210809