

Title (en)
SHOWER JET DISK AND SHOWER HEAD

Title (de)
BRAUSESTRAHLSCHEIBE UND BRAUSEKOPF

Title (fr)
DISQUE À JET DE DOUCHE ET POMME DE DOUCHE

Publication
EP 3074138 A1 20161005 (DE)

Application
EP 14802657 A 20141125

Priority
• DE 102013224054 A 20131125
• EP 2014075494 W 20141125

Abstract (en)
[origin: WO2015075254A1] The invention relates to a shower jet disk (1), comprising a jet disk body (2), which contains a fluid outlet region (3), which has one or more jet outlet openings (4). The invention further relates to a shower head, comprising: a main body, which has a fluid inlet and a plurality of separated water-conducting paths; a changeover switch assembly integrated in the main body, which changeover switch assembly is designed for the manually actuated, selective shut-off or opening of a fluid connection from the fluid inlet to the particular water-conducting path; an operating-element receptacle formed on the main body for accommodating an operating element for actuating the changeover switch assembly; and a fluid-outlet-side shower jet disk mounted on the main body. Such shower jet disks and shower heads are used, for example, for sanitary showers, such as hand showers and overhead showers. A shower jet disk according to the invention has a changeover switch cover (5) outside of the fluid outlet region, which changeover switch cover is part of the jet disk body or is rigidly connected to the jet disk body and has a changeover switch seal on an inner face. A shower head according to the invention has such a shower jet disk and/or a changeover switch assembly having an operating pin that can be moved into a self-retaining parking position, in which the fluid connection to all water-conducting paths is maximally opened, and/or has a locking mechanism that protects against removal. The invention further relates to the use thereof, for example, for sanitary hand showers and overhead showers.

IPC 8 full level
B05B 1/16 (2006.01); **B05B 1/18** (2006.01)

CPC (source: EP)
B05B 1/1609 (2013.01); **B05B 1/185** (2013.01)

Citation (search report)
See references of WO 2015075254A1

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)
DE 102013224054 B3 20150108; CN 105873684 A 20160817; CN 105873684 B 20190101; DK 3074138 T3 20191216;
EP 3074138 A1 20161005; EP 3074138 B1 20190918; ES 2759119 T3 20200507; PL 3074138 T3 20200518; WO 2015075254 A1 20150528

DOCDB simple family (application)
DE 102013224054 A 20131125; CN 201480064451 A 20141125; DK 14802657 T 20141125; EP 14802657 A 20141125;
EP 2014075494 W 20141125; ES 14802657 T 20141125; PL 14802657 T 20141125