

Title (en)
DOUBLE-FUNCTIONAL BUTTON SWITCH SHOWER HEAD

Title (de)
DOPPELFUNKTION TASTSCHALTERBRAUSEKOPF

Title (fr)
POMMEAU DE DOUCHE À COMMUTATION DE BOUTON À DOUBLE FONCTIONNALITÉ

Publication
EP 3108964 B1 20200805 (EN)

Application
EP 16001374 A 20160620

Priority
CN 201510340491 A 20150618

Abstract (en)
[origin: EP3108964A1] The present invention is provided with a double-functional button switch shower head, which comprises a fixing portion, a button and a retractable slide shaft driving mechanism. The fixing portion is disposed with an inlet waterway and two diversion waterways, two diversion waterways are respectively disposed with an water diversion hole, two water diversion holes can be connected to the inlet waterway. The button is movably connected to the fixing portion. The retractable slide shaft driving mechanism is assembled in the fixing portion with a slide shaft slidably connected to the fixing portion, the button is connected to the retractable slide shaft driving mechanism in transmission way to drive the slide shaft to slide; two water diversion holes are arranged in a line along the sliding direction of the slide shaft; the slide shaft is disposed with a switch sealing element, the slide shaft slides to control the switch sealing element to close one of the two water diversion holes alternatively to achieve switch. The present invention has advantages: the structure is compact, the switch mechanism needs small space, the shower head is small in size.

IPC 8 full level
B05B 1/16 (2006.01); **B05B 1/18** (2006.01); **B05B 7/04** (2006.01)

CPC (source: CN EP)
B05B 1/16 (2013.01 - CN); **B05B 1/1627** (2013.01 - EP); **B05B 1/1681** (2013.01 - EP); **B05B 1/18** (2013.01 - CN EP); **B05B 7/0416** (2013.01 - CN); **B05B 7/0425** (2013.01 - EP); **B05B 1/1618** (2013.01 - EP)

Cited by
CN113735206A; EP3744431A4; CN106925447A; EP3398688A1; EP3623054A1; US11648572B2

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

DOCDB simple family (publication)
EP 3108964 A1 20161228; EP 3108964 B1 20200805; CN 104971833 A 20151014; CN 104971833 B 20170609

DOCDB simple family (application)
EP 16001374 A 20160620; CN 201510340491 A 20150618