

Title (en)
SHOWERHEAD WITH MULTIMODAL OPERATION

Title (de)
DUSCHKOPF MIT MULTIMODALEM BETRIEB

Title (fr)
POMME DE DOUCHE À FONCTIONNEMENT MULTIMODAL

Publication
EP 2538829 A1 20130102 (EN)

Application
EP 10846758 A 20100225

Priority
US 2010025333 W 20100225

Abstract (en)
[origin: WO2011106000A1] A showerhead for personal hygiene is provided that includes a spray face in fluid communication with a cavity by way of a plurality of nozzle apertures. The cavity receives water from a water supply. A spray selector controls fluid flow between the cavity and the nozzle apertures. A battery-electric motor or a kinetic energy storing spring is provided as a power supply for an actuator that provides mechanical communication between the power supply and the selector to move the selector and thereby alter the fluid spray pattern from the spray face. A user interface provides a user with selective control over movement of the actuator and the movement of the selector to sequentially provide multiple spray patterns from the spray face without intermediate manual intervention between the multiple spray patterns emitted from the spray face.

IPC 8 full level
A47K 3/28 (2006.01); **B05B 1/16** (2006.01); **B05B 1/18** (2006.01); **B05B 3/12** (2006.01); **E03C 1/05** (2006.01)

CPC (source: EP)
B05B 1/1636 (2013.01); **B05B 1/18** (2013.01); **E03C 1/055** (2013.01)

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011106000 A1 20110901; CN 201913013 U 20110803; EP 2538829 A1 20130102; EP 2538829 A4 20130717

DOCDB simple family (application)
US 2010025333 W 20100225; CN 201020504416 U 20100709; EP 10846758 A 20100225