Title (en)

SHOWER HEAD

Publication

EP 0066289 B1 19921014 (DE)

Application

EP 82104797 A 19820601

Priority

US 26915881 A 19810601

Abstract (en)

[origin: US4733818A] The present invention is for a showerhead selectively operable to produce a plurality of different streams, enabling the user to select one form of large diameter stream, rich in bubbles, when the water pressure is high, and another large diameter rich stream full of bubbles when the water pressure is low. Furthermore, the user may select a spray instead of the bubbly stream. The invention is accomplished by having an upstream disc with chambers therein for directing the water downstreamwardly. In the path of the jets from said chambers there is a screened-disc which is rotatable selectively by the user and which has a number of openings therethrough. By bringing the correct opening below the jets, the user may select one of several different types of streams. One of the openings has two screens, one at the top and one at the bottom of the opening so that at low water pressures, there is abundant aeration which provides a rich outgoing stream of water. For a normal aerated showerhead, there is a hole with just one screen. Similarly, there is a third hole without any screen and which will produce a spray when that hole is located below the chambers. Similarly, the chambers may be duplicated around the upstream disc so that when the user selects a given form of stream, the type of hole that produces that stream will be receiving all of the water from all of the different chambers.

IPC 1-7

B05B 1/18; E03C 1/084

IPC 8 full level

B05B 1/16 (2006.01); **B05B 1/18** (2006.01); **B05B 7/04** (2006.01); **E03C 1/084** (2006.01)

CPC (source: EP US)

B05B 1/1654 (2013.01 - EP US); **B05B 7/0425** (2013.01 - EP US)

Cited by

US4632507A; DE3507212A1; EP1123742B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0066289 A2 19821208; **EP 0066289 A3 19830525**; **EP 0066289 B1 19921014**; AT E81535 T1 19921015; DE 3280417 D1 19921119; US 4733818 A 19880329

DOCDB simple family (application)

EP 82104797 A 19820601; AT 82104797 T 19820601; DE 3280417 T 19820601; US 26915881 A 19810601