

Title (en)
Shower head

Title (de)
Brausekopf

Title (fr)
Pomme de douche

Publication
EP 0808661 B1 20021211 (DE)

Application
EP 97108071 A 19970517

Priority
DE 19621220 A 19960525

Abstract (en)
[origin: EP0808661A2] A new shower head is intended for handheld and/or fixed shower fitting. Connected to the water supply, its casing (12) forms a chamber with a base section (2). The base section has an outer ring (3) in rubbery, elastic material with grooves (33) to produce the water jets. The ring rests by its outer casing in a reception bore (16). In this novel design, the ring and a collar (30) project downstream beyond the base section which acts as a carrier plate. By scraping or working the collar, limescale deposits in the grooves can be removed. Preferably the base section is plastic, especially polypropylene. The ring element (3) is a thermoplastic elastomer, especially Santoprene (RTM), which is injected onto the base section,

IPC 1-7
B05B 1/18; B05B 15/02

IPC 8 full level
A47K 3/28 (2006.01); **B05B 1/16** (2006.01); **B05B 1/18** (2006.01); **B05B 1/32** (2006.01); **B05B 15/02** (2006.01); **B05B 15/528** (2018.01)

CPC (source: EP US)
B05B 1/1663 (2013.01 - EP US); **B05B 1/185** (2013.01 - EP US); **B05B 1/32** (2013.01 - EP US); **B05B 15/528** (2018.02 - EP US)

Cited by
US9795975B2; USD843549S; USD875210S; US10441960B2; US11458488B2; US11759801B2; US10478837B2; US10525488B2; US10994289B2; US11173502B2; US11648573B2; US10449558B2; USD872227S; USD912767S; US11413632B2; US11883834B2; DE102011080794A1; US9636694B2; US9623424B2; US9623425B2; US10226777B2; US10265710B2; US10532369B2; US11084047B2; USD950011S; USD970684S; USD983322S

Designated contracting state (EPC)
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EP 97108071 A 19970517; AT 97108071 T 19970517; DE 19621220 A 19960525; DE 59708925 T 19970517; ES 9701392 U 19970520; JP 12856497 A 19970519; US 84127697 A 19970429