

Title (en)
Shower head

Title (de)
Brausekopf

Title (fr)
Pomme de douche

Publication
EP 0808661 A3 20001220 (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
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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)

Citation (search report)
• [A] US 5405089 A 19950411 - HEIMANN BRUNO [DE], et al
• [AD] US 3826429 A 19740730 - MOEN A

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;
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DE 59708925 D1 20030123; ES 1037338 U 19980216; ES 1037338 Y 19980701; JP H1057843 A 19980303; US 5839666 A 19981124

DOCDB simple family (application)
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