

Title (en)

IMPROVED HYDROMASSAGE FITTING WITH AUTOMATIC CLOSURE

Publication

EP 0311967 A3 19890830 (EN)

Application

EP 88116836 A 19881011

Priority

IT 2222187 A 19871012

Abstract (en)

[origin: EP0311967A2] In a hydromassage fitting (10) a first sleeve (54), a jet generator mounted on an orientable spherical body (12) and containing an axially movable nozzle (60), actuated by an external actuator (82), said nozzle being retracted under the control of said external actuator (82) to leave a passage space for the jet water, said nozzle (60) comprising a non return valve (100) adapted to permit the flow of fluids from inside to outside of the nozzle but not viceversa, thus acting as a check valve to prevent the backflow of water from a tub served by said fitting (10) to the air pipings of said fitting, said nozzle (60) cooperating with the sleeve (54) to prevent, in the extended position, the backflow of water from said tub to water circulation circuits of said fitting.

IPC 1-7

A61H 33/02

IPC 8 full level

A61H 33/02 (2006.01)

CPC (source: EP)

A61H 33/027 (2013.01); **A61H 33/6031** (2013.01); **A61H 33/6063** (2013.01); **A61H 2033/023** (2013.01)

Citation (search report)

- [XD] EP 0215514 A2 19870325 - TEUCO GUZZINI SRL [IT]
- [YD] EP 0168823 A2 19860122 - JACUZZI EUROP [IT]
- [Y] DE 3607788 A1 19861204 - SCHUESSLER GUENTER
- [AP] WO 8801858 A1 19880324 - SCHUESSLER GUENTER [DE]
- [AP] EP 0268050 B1 19911106

Cited by

EP3632398A1; DE3903477A1; US5269029A; DE9414238U1; US5333791A; EP0515330A3; EP1685821A3; DE4005197A1; DE3941532A1; EP0372642A1; AT521267A4; AT521267B1; WO9108728A1; EP0613673B2

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