

Title (en)

Improved hydromassage fitting with automatic closure.

Title (de)

Hydromassage-Armatur mit automatischer Schliessvorrichtung.

Title (fr)

Armature d'hydromassage comprenant un dispositif de fermeture automatique.

Publication

**EP 0311967 A2 19890419 (EN)**

Application

**EP 88116836 A 19881011**

Priority

IT 2222187 A 19871012

Abstract (en)

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)

Cited by

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

Designated contracting state (EPC)

DE ES FR GB SE

DOCDB simple family (publication)

**EP 0311967 A2 19890419**; **EP 0311967 A3 19890830**; **EP 0311967 B1 19940105**; DE 3886876 D1 19940217; DE 3886876 T2 19940428; ES 2047522 T3 19940301; IL 88007 A0 19890630; IT 1222869 B 19900912; IT 8722221 A0 19871012

DOCDB simple family (application)

**EP 88116836 A 19881011**; DE 3886876 T 19881011; ES 88116836 T 19881011; IL 8800788 A 19881011; IT 2222187 A 19871012