

Title (en)
Hydromassage nozzle with swirlchamber

Title (de)
Hydromassagedüse mit Wirbelkammer

Title (fr)
Tuyère pour tuyau de massage hydrothérapique avec chambre de tourbillonnement

Publication
EP 0733352 B1 20020724 (DE)

Application
EP 95115581 A 19951002

Priority
DE 19509618 A 19950321

Abstract (en)
[origin: EP0733352A2] The nozzle (1) has an inner space in the form of a whirl chamber (5). The whirl chamber is positioned between two opposite boundary walls (6,7) and has a spiral formed rotary boundary wall (8) rotating radially outwards. At least one first fluid supply channel (9) discharges tangentially in the whirl chamber in the area of its large radial cross-section. The lateral boundary wall (7) has a whirl chamber outlet opening (25) in its centre. A second fluid supply channel (10) is provided which extends from outwards into the whirl chamber and which discharges near the whirl chamber outlet opening via a central outlet opening (11). The area between the enclosing walls (27) of the second supply channel and within the outlet opening and the radial boundary (40) is formed as a free ring gap (12).

IPC 1-7
A61H 33/00; **A61H 33/02**

IPC 8 full level
A61H 33/00 (2006.01); **A61H 33/02** (2006.01)

CPC (source: EP)
A61H 33/027 (2013.01); **A61H 33/6063** (2013.01)

Citation (examination)
US 4715071 A 19871229 - HENKIN MELVYN L [US], et al

Cited by
FR2900330A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

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EP 0733352 A2 19960925; **EP 0733352 A3 19980128**; **EP 0733352 B1 20020724**; AT E220887 T1 20020815; DE 19509618 A1 19960926; DE 59510295 D1 20020829

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