

Title (en)
BATH WITH SWIRL NOZZLES

Publication
EP 0394317 B1 19930901 (DE)

Application
EP 89900582 A 19881224

Priority
DE 3800400 A 19880109

Abstract (en)
[origin: WO8906120A1] A bath has devices for generating water and/or air jets which can be directed into the bath cavity from several positions on the bath wall and/or bottom. An individual, drivable device for generating said jets is associated with each position and is mounted on, or built into, the bath wall or floor. Driving energy is supplied to each device from the outer wall of the bath. To permit individual devices to deliver a powerful, easily-adjustable water and/or air jet, a nozzle housing with a pump chamber is associated with each position. An impeller rotatably mounted in the pump chamber sucks water from the bath cavity through suction orifices in a diaphragm which seals the nozzle housing into the bath cavity. The impeller then drives the water from the pump chamber into at least one channel in the nozzle diaphragm which ends in at least one nozzle opening directed into the bath cavity.

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

IPC 8 full level
A61H 33/00 (2006.01)

CPC (source: EP US)
A61H 33/6047 (2013.01 - EP US); **A61H 33/6063** (2013.01 - EP US); **A61H 33/02** (2013.01 - EP US)

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

DOCDB simple family (publication)
DE 3800400 C1 19890209; DE 3800400 C2 19950209; DE 3883783 D1 19931007; EP 0394317 A1 19901031; EP 0394317 B1 19930901; US 5063620 A 19911112; WO 8906120 A1 19890713

DOCDB simple family (application)
DE 3800400 A 19880109; DE 3883783 T 19881224; DE 8800782 W 19881224; EP 89900582 A 19881224; US 53661490 A 19900910