

Title (en)
Mixing device for fluid mediums

Title (de)
Mischeinrichtung für flüssige Medien

Title (fr)
Mélangeur des fluides

Publication
EP 0568904 B1 19960214 (DE)

Application
EP 93106845 A 19930428

Priority
DE 4214780 A 19920504

Abstract (en)
[origin: EP0568904A1] The invention relates to the mixing of liquid media, especially solvents, with gaseous media, e.g. air, the flowing liquid medium being brought together with the flowing gaseous medium in countercurrent and the liquid and the gaseous medium each being subjected to a torque and as a result following a helical flow path, and also to a mixing device (10) having a housing (12) with a recess (17) provided therein which serves to guide a valve needle (20), the housing (12) having one feeder each for the liquid and for the gaseous medium, which are connected to the recess (17), and the recess (17) at the same time serving as the outlet orifice. In this arrangement, at least part of the inner wall of the recess (17) is provided with an internal thread, and the valve needle is provided with an external thread of opposite senses. <IMAGE>

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