

Title (en)  
MIXING DEVICE FOR LIQUIDS

Publication  
EP 0219800 A3 19880309 (DE)

Application  
EP 86114192 A 19861014

Priority  
DE 3536992 A 19851017

Abstract (en)  
[origin: EP0219800A2] The device has an inflow line for a first, pressurised liquid as well as at least one suction line for a second liquid, to be mixed in with the first liquid, and an injector in the form of a liquid-jet pump, to the inlet side of which the inflow line is connected, in which a solenoid valve is arranged, and to the suction side of which the suction line is connected, which can be connected to a supply tank for the second liquid. To maintain accurate metering and to prevent a flow back of the mixture, the inflow line is connected to a pressure equalising tank, the liquid level of which is regulated by a liquid pressure switch, controlling the solenoid valve, and the outlet line of which is arranged to flow into the inlet of the injector, with an air gap left inbetween. <IMAGE>

IPC 1-7  
C02F 1/68; B01F 3/00; B01F 3/08; G05D 11/13

IPC 8 full level  
B01F 3/08 (2006.01); B01F 5/04 (2006.01); B01F 15/00 (2006.01)

CPC (source: EP)  
B01F 23/40 (2022.01); B01F 23/49 (2022.01); B01F 35/2112 (2022.01); B01F 35/2209 (2022.01); B01F 25/312 (2022.01)

Citation (search report)  
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