

Title (en)
Conditioning device for liquids

Title (de)
Aufbereiter für Flüssigkeiten

Title (fr)
Dispositif pour le traitement de liquides

Publication
EP 1046420 B1 20040818 (DE)

Application
EP 00890112 A 20000410

Priority
AT 62699 A 19990408

Abstract (en)
[origin: EP1046420A1] The inserts (20a, 20b) have recesses (23) arranged in the sealing switch (29a, 29b) acting upon the sealing surface (B). The liquid is swirled between the inserts (20a, 20b) and the sealing switch (29a, 29b) and through the recesses (23). Preparation device for fluids, particularly fluid fuels, has a housing (2) which has at least one through chamber (3) with through path for a liquid. One or several movable inserts (20a, 20b) are provided in the through chamber (3). Each insert (20a, with a sealing surface (B) is supported on a sealing switch (29a, 29b). The inserts (20a, 20b) are impinged against the stream direction using a force e.g. its own weight and/or the force of one or several springs (19a, 19b) and are changeable through flo cross sections.

IPC 1-7
B01F 5/08; F23K 5/08; B05B 1/16; B01F 5/06; F02M 27/04

IPC 8 full level
B01F 25/46 (2022.01); **B05B 1/16** (2006.01); **F02M 27/04** (2006.01); **F23K 5/08** (2006.01)

CPC (source: EP)
B01F 25/44121 (2022.01); **B01F 25/4423** (2022.01); **F02M 27/04** (2013.01); **B01F 23/40** (2022.01)

Cited by
EP1930069A1; AT502118B1; GB2401070A; GB2401070B; WO2009068535A1; WO2011003556A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1046420 A1 20001025; **EP 1046420 B1 20040818**; AT E273742 T1 20040915; DE 50007430 D1 20040923; ES 2226767 T3 20050401

DOCDB simple family (application)
EP 00890112 A 20000410; AT 00890112 T 20000410; DE 50007430 T 20000410; ES 00890112 T 20000410