

Title (en)
STATIC TYPE FLOW EMULSIFIER FOR NON MIXABLE LIQUIDS

Publication
EP 0196280 A3 19881012 (EN)

Application
EP 86830073 A 19860325

Priority
IT 2006985 A 19850325

Abstract (en)
[origin: EP0196280A2] A flow emulsifying device for fuel-water mixtures and the use thereof to supply oil fuels emulsified with water to boiler burners are described. The device works based on suction, taking advantage of abrupt variations of velocity and pressure caused in a continuous stream of fuel and water in suitable ratios. The velocity and pressure variations are obtained through a series of narrow passages (4) and expansion compartments (5).

IPC 1-7
B01F 5/06; **B01F 3/08**

IPC 8 full level
B01F 5/06 (2006.01); **F23K 5/12** (2006.01)

CPC (source: EP)
B01F 25/421 (2022.01); **F23K 5/12** (2013.01)

Citation (search report)

- [XP] US 4534659 A 19850813 - DOURDEVILLE THEODORE A [US], et al
- [X] GB 2039225 A 19800806 - SHOWA DENKO KK
- [X] FR 2355556 A1 19780120 - VIEGER JEAN PIERRE DE [FR]
- [X] DE 1767596 A1 19710923 - CESKOSLOVENSKA AKADEMIE VED

Cited by
US7284899B2; GB2271725A; GB2271725B; GB2233572A; GB2233572B; US7878705B2; EP2090353A1; FR2731504A1; JP2019076820A

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

DOCDB simple family (publication)
EP 0196280 A2 19861001; **EP 0196280 A3 19881012**; IT 1188154 B 19880107; IT 8520069 A0 19850325

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