

Title (en)

Mixer with a mixing nozzle for introducing fluids in the mixing cavity of the mixer.

Title (de)

Mischer umfassend einen Mischkopf zur Zuführung von Medien zu dem Mischraum des Mixers.

Title (fr)

Mélangeur incluant une tête de mélange pour introduire des fluides dans la cavité de mélange du mélangeur.

Publication

EP 1604731 B1 20080102 (DE)

Application

EP 05011802 A 20050601

Priority

DE 102004029028 A 20040609

Abstract (en)

[origin: EP1604731A1] Static mixing head dispensing fluid components into a mixing chamber (16), has axial symmetry and comprises at least two concentric conical walled segments (30a,b,c,d), each with an annular distribution channel (62a,b,c,d), feeding an extended vertical annular outlet (70a,b,c,d) formed between a pair of walls. Fuel components are run separately until being discharged at their respective outlets.

IPC 8 full level

B01F 5/04 (2006.01); **B01F 5/02** (2006.01); **B01F 5/06** (2006.01)

CPC (source: EP)

B01F 25/23 (2022.01); **B01F 25/3132** (2022.01); **B01F 25/31324** (2022.01); **B01F 25/3142** (2022.01); **B01F 25/31423** (2022.01); **B01F 25/435** (2022.01)

Cited by

DE102011000383A1; WO2007147522A1; CN103657491A; DE102013105342B4; DE102017109732A1; DE102017109732B4; DE102011000383B4; DE102013105342A1; WO2017194198A1; DE102013105345A1; DE102013105345B4; US10674751B1; US11147297B2; US11864572B2; US11896040B2

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EP 1604731 A1 20051214; **EP 1604731 B1 20080102**; AT E382421 T1 20080115; DE 102004029028 A1 20060105; DE 502005002373 D1 20080214

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