

Title (en)
Static mixer

Title (de)
Statischer Mischer

Title (fr)
Mélangeur statique

Publication
EP 1123730 B1 20041103 (DE)

Application
EP 01101637 A 20010126

Priority
DE 10005457 A 20000208

Abstract (en)
[origin: CA2333839A1] A description is given of a static mixer, comprising at least a mixer insert (2), possibly a support (3) and possibly a hold-down device (4), with an enclosing housing (1), the mixer insert (2) being made up of a multiplicity of interleaved grids of mutually parallel bars (2a, 2b, 2c; 12a, 12b, 12c) arranged in layers (Sa, 5b) lying one above the other, and the grids being arranged with respect to one another in such a way that they are turned by an angle α about the main direction of flow through the mixer.

IPC 1-7
B01F 5/06

IPC 8 full level
B01F 23/47 (2022.01); **F28D 7/00** (2006.01)

CPC (source: EP US)
B01F 25/43161 (2022.01 - EP US); **B01F 25/4317** (2022.01 - EP); **B01F 25/4319** (2022.01 - EP); **F28D 7/0058** (2013.01 - EP US); **B01F 23/47** (2022.01 - EP US); **B01F 25/4317** (2022.01 - US); **B01F 25/4319** (2022.01 - US); **B01F 35/90** (2022.01 - EP US); **F28D 2021/0052** (2013.01 - EP US)

Cited by
EP2629039A1; EP4089357A1; EP2851118A1; US8536356B2; EP2865503A1; WO2009000642A1; DE102019009099A1; DE112010002969B4; FR2929856A1; US2011071308A1; EP1967806A1; JP2008224205A; EP2277620A3; CN102861522A; US8794820B2; US8628233B2; WO2011006613A2; WO2004098759A1; WO2017129768A1; WO2009127596A1; EP3489603A1; US11085710B2; US8491180B2; EP3822569A1; EP2158027B2

Designated contracting state (EPC)
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EP 1123730 A2 20010816; **EP 1123730 A3 20030502**; **EP 1123730 B1 20041103**; AT E281230 T1 20041115; CA 2333839 A1 20010808; CA 2333839 C 20091006; DE 10005457 A1 20010809; DE 50104336 D1 20041209; DK 1123730 T3 20050214; ES 2232527 T3 20050601; JP 2001246234 A 20010911; PT 1123730 E 20050331; US 2001012235 A1 20010809; US 6595679 B2 20030722

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