

Title (en)
Static mixer

Title (de)
Statischer Mischer

Title (fr)
Mélangeur statique

Publication
EP 2527029 A3 20140326 (DE)

Application
EP 12004072 A 20120525

Priority
DE 202011101066 U 20110525

Abstract (en)
[origin: EP2527029A2] The static mixer has a set of mixing elements (2) axially fixed to each other and arranged at a distance from each other. A baffle plate (1) is arranged at an inlet end of the mixer before the mixing elements, and includes an upstream protruding central pin or spigot (11) passing into an actual axle-vertical baffle plate (13) through a diverging transition area (12). The latter baffle plate is star-shaped with a set of star arms, and passage openings (14) are formed between the star arms. The star arms start from a circular center area of the latter baffle plate.

IPC 8 full level
B01F 5/06 (2006.01)

CPC (source: EP)
B01F 25/43141 (2022.01)

Citation (search report)

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- [X] DE 3618062 A1 19871203 - KACHEL CHARLOTTE [DE]
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Cited by
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202011101066 U1 20110915; EP 2527029 A2 20121128; EP 2527029 A3 20140326; EP 2527029 B1 20160831

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DE 202011101066 U 20110525; EP 12004072 A 20120525