

Title (en)
Static mixer, method for manufacturing the same and mixing arrangement

Title (de)
Statischer Mischer, Verfahren zur Herstellung eines solchen und Mischanordnung

Title (fr)
Mélangeur statique, son procédé de fabrication et dispositif de mélange

Publication
EP 2111917 B1 20110928 (DE)

Application
EP 09005543 A 20090420

Priority
DE 102008020827 A 20080425

Abstract (en)
[origin: EP2111917A1] The static mixer (10) has rods (13) running transverse to the stream direction and has guiding elements (14) inclined from the rods coming out in the stream direction. The mixer is formed in single piece, cup-shaped with a base area (11) and a side wall area (12) running in flow direction. The rods, an edge area (17) and the guiding elements are formed and contact the rods only at their ends. An independent claim is included for a method for manufacturing a static mixer.

IPC 8 full level
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CPC (source: EP US)
B01F 23/213 (2022.01 - EP); **B01F 25/4315** (2022.01 - EP); **B01F 25/43151** (2022.01 - EP US); **B01F 25/431974** (2022.01 - EP); **B01F 35/561** (2022.01 - EP); **B21D 53/00** (2013.01 - EP); **F01N 13/0093** (2014.06 - EP); **F01N 3/206** (2013.01 - EP); **F01N 3/2066** (2013.01 - EP); **F01N 2330/38** (2013.01 - EP); **F01N 2470/30** (2013.01 - EP)

Cited by
US2014078859A1; CN102989337A; CN104329142A; CN107304702A; EP2574750A1; CN103032139A; EP2495031A4; CN103585907A; CN102985654A; CN103628958A; JP2015183556A; US2018056571A1; US10857715B2; US8904770B2; JP2013072437A

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DOCDB simple family (publication)
EP 2111917 A1 20091028; EP 2111917 B1 20110928; AT E526074 T1 20111015; DE 102008020827 A1 20091105; ES 2373842 T3 20120209

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