

Title (en)
Static mixing device

Title (de)
Statische Mischvorrichtung

Title (fr)
Dispositif de mélange statique

Publication
EP 0655275 B1 19991006 (DE)

Application
EP 93810829 A 19931126

Priority
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Abstract (en)
[origin: EP0655275A1] The static mixing device for a flowing medium includes a tubular shell (4) and at least one mixing element (3) arranged in the shell, the structural elements of which mixing element are essentially bridges (11, 12, 21, 22). The shell defines a main flow direction (5) of the medium and the bridges (12, 22) which carry out the mixing action are each at an angle to the main flow direction. To simplify manufacture, the mixing element is composed according to the invention from at least two strip-like, essentially zigzag-shaped or wave-shaped parts (1, 2). Preferably, the mixing element is essentially constructed to be rotationally symmetric with respect to a 180 DEG rotation about the main direction of flow.
<IMAGE>

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CPC (source: EP KR US)
B01F 25/40 (2022.01 - KR); **B01F 25/43151** (2022.01 - EP US); **B01F 25/4322** (2022.01 - EP US)

Cited by
DE10158651B4; EP1837070A1; DE10155045C2; JP2014532556A; US6394644B1; US7199242B2; US9835068B2; WO2013026782A3; WO0078440A1; WO2013066709A1; US9242214B2; US9981232B2; US11446616B2; WO2011000685A1; DE102012003161A1; EP4059979A1; WO2022195019A1

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