

Title (en)

STATIC MIXER WITH SEPARATING MEANS

Title (de)

STATISCHER MISCHER MIT TRENNMITTEL

Title (fr)

MÉLANGEUR STATIQUE AVEC MOYENS DE SÉPARATION

Publication

EP 4371656 A1 20240522 (EN)

Application

EP 22208223 A 20221118

Priority

EP 22208223 A 20221118

Abstract (en)

The invention relates to a static mixer for mixing at least two components of material with one another comprising a housing (3) and a plurality of mixing elements (9, 9', 116, 116') with each mixing element configured to divide each component to be mixed in at least two, preferably more than two, strands of material and further configured to merge said strands of material in layers, with said plurality of mixing elements being arranged along a longitudinal axis (2) of the mixer behind one another, and with said housing covering at least some of the plurality of mixing elements, wherein the mixer further comprises separating means (SM) for separating each component of material into at least two strands of component before entering the plurality of mixing elements.

IPC 8 full level

B01F 25/432 (2022.01)

CPC (source: EP)

B01F 25/4321 (2022.01)

Citation (applicant)

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- EP 0749776 A1 19961227 - SULZER CHEMTECH AG [CH]
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Citation (search report)

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- [XAI] WO 2005095225 A1 20051013 - 5 MIX LTD [GB], et al

Designated contracting state (EPC)

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