Title (en)

MIXING SEGMENT, STATIC MIXER, DISPENSING ASSEMBLY AND METHOD OF MIXING MULTI-COMPONENT MATERIAL

Title (de)

MISCHSEGMENT, STATISCHER MISCHER, AUSGABEANORDNUNG UND VERFAHREN ZUM MISCHEN VON MEHRKOMPONENTENMATERIAL

Title (fr)

SEGMENT DE MÉLANGE, MÉLANGEUR STATIQUE, ENSEMBLE DE DISTRIBUTION ET PROCÉDÉ DE MÉLANGE D'UN MATÉRIAU À COMPOSANTS MULTIPLES

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Application

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Abstract (en)

A mixing segment (12) for a static mixer (2,3), the static mixer (2) comprising a plurality of mixing segments (12) for mixing a multi-component material (M, M'), the mixing segment (12) comprising: two or three inlets (13',13'',13''') arranged at a first side (15) of the mixing segment (12); and three outlets (14',14'',14''') arranged at a second side (16) of the mixing segment (12) oppositely disposed of the first side (15), with a longitudinal axis of the mixing segment (12) extending between the first and second sides (15,16); with one of the inlets (13'') being connected to two of the outlets (14',14''') and one or more of the other inlets (13',13'') being connected to the other one of the outlets (14''), with the respective inlets (13) being connected to the respective outlets (14) via respective passages (17) to deflect respective part flows of the multi-component material (M,M') from said inlets (13) to said outlets (14). Additionally a static mixer (2), a dispensing assembly (1,2) and to a method of mixing multi-component material (20) are disclosed.

IPC 8 full level

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