

Title (en)
MIXING ELEMENTS WITH REDUCED INSTALLATION DEPTH FOR STATIC MIXER

Title (de)
MISCHELEMENTE MIT VERRINGERTER BAUTIEFE FÜR STATISCHE MISCHER

Title (fr)
ÉLÉMENTS COMPOSÉS D'ÉPAISSEUR RÉDUITE POUR MÉLANGEUR STATIQUE

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Abstract (en)
[origin: WO2018065480A1] The invention relates to mixing elements with a reduced structural depth for static mixers, to static mixers comprising at least two mixing elements with a reduced structural depth, and to a method for mixing fluids using a mixing element with a reduced structural depth or a static mixer comprising at least two mixing elements with a reduced structural depth. In the mixing elements, the thickness of the transverse strut at its thickest point is maximally 0.9 to 1.1 times the thickness of the webs multiplied by the cosine of half the opening angle O divided by the sine of the whole opening angle O.

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