

Title (en)

MIXED ELEMENT, DEVICE USING SAME, FLUID MIXING METHOD, AND FLUID

Title (de)

MISCHELEMENT, VORRICHTUNG DAMIT, FLÜSSIGKEITSMISCHVERFAHREN UND FLÜSSIGKEIT

Title (fr)

ÉLÉMENT MÉLANGEUR, DISPOSITIF L'UTILISANT, PROCÉDÉ DE MÉLANGE DE FLUIDES, ET FLUIDE

Publication

**EP 2826547 A4 20151216 (EN)**

Application

**EP 13760917 A 20130308**

Priority

- US 201261610290 P 20120313
- JP 2013056439 W 20130308

Abstract (en)

[origin: EP2826547A1] A fluid is satisfactorily mixed, satisfactory mixing can be performed even when the flow rate of the fluid is high and suitable utilization in various devices can be realized. A stacked member (2) in which a plurality of mixing elements (21 a) are stacked and a first plate (3) and a second plate (4) that sandwich the stacked member (2) are provided. The mixing element (21 a) includes a plurality of first through holes (22) penetrating in a direction of thickness; a fluid is passed between the stacked mixing elements in a radial direction. The first plate (3) and the second plate (4) block the first through holes (22) at both ends of the stacked member in the stacking direction, and thus the flow of the fluid is achieved. The fluid is wound and passed through the first through holes (22), and thus it is possible to perform sufficient mixing.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [A] US 2004135017 A1 20040715 - SEKINE SUKEYOSHI [JP]
- [A] JP S58133822 A 19830809 - MEIYU SANGYO
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Cited by

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Designated contracting state (EPC)

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