

Title (en)

METHOD AND DEVICE FOR DOSING AND MIXING SMALL AMOUNTS OF LIQUID, APPARATUS AND USE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DOSIERUNG UND DURCHMISCHUNG KLEINER FLÜSSIGKEITSMENGEN, APPARAT UND VERWENDUNG

Title (fr)

PROCEDE ET DISPOSTIF DE DOSAGE ET DE MELANGE DES PETITES QUANTITES DE LIQUIDE, APPAREIL ET UTILISATION

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Application

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Abstract (en)

[origin: WO2006072384A1] The invention relates to a method for the integrated dosing and intermixing of small amounts of liquid. According to said method, a first liquid is conveyed into or onto a first reservoir (3), and a second reservoir (1) is entirely filled with a second liquid. The first and the second liquid are brought in contact with each other via at least one joining duct structure (5) which comprises at least one area that is provided with a smaller cross section than the reservoirs in the viewing direction of the connecting line between the two reservoirs. A laminar flow is created along at least one portion of the joining duct structure, and the liquids are thoroughly mixed in the second reservoir. The invention further relates to a device and an apparatus for carrying out the disclosed method as well as one use thereof.

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