

Title (en)
DEVICE ENSURING TWO-PHASE FLOW IN A LIQUID ATOMISER AS WELL AS A LIQUID ATOMISER CONTAINING SUCH A DEVICE AND A METHOD OF ALTERING OF A LIQUID ATOMISER

Title (de)
VORRICHTUNG ZUR SICHERSTELLUNG EINER ZWEIPHASENSTRÖMUNG IN EINEM FLÜSSIGKEITSZERSTÄUBER
SOWIE FLÜSSIGKEITSZERSTÄUBER MIT SOLCH EINER VORRICHTUNG UND VERFAHREN ZUR VERÄNDERUNG EINES
FLÜSSIGKEITSZERSTÄUBERS

Title (fr)
DISPOSITIF ASSURANT UN ÉCOULEMENT À DEUX PHASES DANS UN ATOMISEUR DE LIQUIDE ET ATOMISEUR DE LIQUIDE
CONTENANT UN TEL DISPOSITIF ET PROCÉDÉ DE MODIFICATION D'ATOMISEUR DE LIQUIDE

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Application
EP 17720247 A 20170316

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• PL 2017000022 W 20170316

Abstract (en)
[origin: WO2017160173A1] The subject of the invention is a device ensuring a two-phase flow in a liquid atomiser, equipped in its upper part with a discharge control assembly, the device contains at least one egress channel, as well as a plunger tube, placed below this assembly and interconnected with this assembly, the plunger tube having in its lowermost section an ingress channel, optionally outfitted with a filter to keep away impurities, and interconnected with a discharge control assembly, and further downstream with an egress channel, wherein the plunger tube (5) is outfitted with a liquid flow restrictor (6) and, above the latter, a row of side openings (9) connecting external space of the tube (5) with its inner channel, where the successive side openings (9) are positioned longitudinally along the tube (5) at different distances from the restrictor (6). Same invention covers liquid atomiser comprising said device and method of altering atomiser.

IPC 8 full level
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CPC (source: EP)
A62C 5/008 (2013.01); **A62C 13/64** (2013.01); **A62C 99/0072** (2013.01)

Citation (search report)
See references of WO 2017160173A1

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DOCDB simple family (publication)
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