

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 ZWEIFHASENSTRÖMUNG 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

Publication

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Application

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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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