

Title (en)
DEVICE FOR ATOMIZING OR SPRAYING LIQUID INTO AN OPERATING CHAMBER

Title (de)
VORRICHTUNG ZUM VERNEBELN ODER VERSPRAYEN VON FLÜSSIGKEIT IN EINEN BETRIEBSRAUM

Title (fr)
DISPOSITIF DE NÉBULISATION OU DE PULVÉRISATION D'UN LIQUIDE DANS UN ESPACE DE TRAVAIL

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Application
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Abstract (en)
[origin: WO2015078941A1] The invention proposes a device for atomizing or spraying or injecting liquid into an operating chamber, wherein at least one nozzle with at least one jet channel is provided for generating at least one liquid spray, whereby the distribution of the liquid in the operating chamber is improved and it is possible to meet in particular relatively stringent requirements relating to the exhaust-gas quality during the combustion of fuel in the combustion chamber. This is achieved according to the invention by the provision of at least one close-range nozzle, for generating a close-range liquid spray (7), and at least one long-range nozzle, for generating a long-range liquid spray (6), wherein a length of the close-range liquid spray (7) is smaller than a length of the long-range liquid spray (6).

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