

Title (en)
EXTERNALLY MIXING MULTI-COMPONENT NOZZLE

Title (de)
AUSSEN MISCHENDE MEHRSTOFFDÜSE

Title (fr)
BUSE MULTIPLE À MÉLANGE EXTERNE

Publication
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Application
EP 11717209 A 20110415

Priority
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Abstract (en)
[origin: WO2011128433A1] The invention relates to an externally mixing multi-component nozzle for spraying fluids with the assistance of an atomizing gas that is hot in relation to the fluids to be sprayed, said gas particularly being steam or hot gas. The nozzle has a housing, wherein the housing has an outlet orifice for the atomizing gas, a first annular gap for fluid to be sprayed, surrounding the outlet orifice, and a second annular gap for the atomizing gas, surrounding the first annular gap, as well as a manifold. The manifold has at least one flow channel for fluid to be sprayed, from a connecting line to the first annular gap, and at least one flow channel from an atomizing gas connecting line to the outlet orifice for atomizing gas.

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See references of WO 2011128433A1

Cited by
CN106345297A

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