

Title (en)
ATOMIZING NOZZLE FOR TWO SUBSTANCES

Title (de)
ZWEISTOFFZERSTÄUBUNGSDÜSE

Title (fr)
AJUTAGE D'ATOMISATION BINAIRE

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Application
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Abstract (en)
[origin: WO2007042210A1] The invention relates to an atomizing nozzle for two substances, which is used for spraying a liquid with the aid of a compressed gas. Said atomizing nozzle comprises a mixing chamber, a liquid inlet that extends into the mixing chamber, a compressed gas inlet which extends into the mixing chamber, and an outlet located downstream from the mixing chamber. According to the invention, an annular gap is provided which surrounds the outlet and discharges compressed gas at a high speed. The inventive atomizing nozzle is used for purifying flue gas, for example.

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