

Title (en)
ATOMISATION NOZZLE WITH ROTATING ANNULAR GAP

Title (de)
ZERSTÄUBUNGSDÜSE MIT ROTATIVEM RINGSPALT

Title (fr)
BUSE DE PULVERISATION A FENTE ANNULAIRE ROTATIVE

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Application
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Abstract (en)
[origin: WO2004007085A1] An atomisation nozzle (10) comprises a flow channel (16) which is annular in cross-section, for the supply of a medium for atomisation, enclosed by two radially-separated walls (18, 30) and which opens out in an annular nozzle opening (40). Furthermore, a second flow channel (50), enclosing the first flow channel, is provided for supply of a gaseous spraying medium (65), which also opens out in an annular nozzle opening (54). According to the invention, the walls (18, 30) enclosing the first flow channel (16) may rotate relative to each other about a nozzle longitudinal axis (70).

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