

Title (en)
FAN NOZZLE

Title (de)
FLACHSTRAHLDÜSE

Title (fr)
BUSE À JET PLAT

Publication
EP 2931434 B1 20161109 (DE)

Application
EP 12809726 A 20121214

Priority
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Abstract (en)
[origin: WO2014090333A1] The invention relates to a fan nozzle (10), in particular for a high-pressure cleaning apparatus, with a nozzle body (12) through which a flow duct (24) for a fluid passes, wherein the flow duct (24) defines a nozzle opening (32) and comprises a jet-forming section (28) which is mounted upstream of the nozzle opening (32) in the flow direction (30) of the fluid and in which the flow cross section of the flow duct (24) continuously tapers. In order to develop the fan nozzle in such a manner that, when a fan jet is formed, the fluid is subject to only small flow losses and the fan nozzle can be produced cost-effectively, it is proposed according to the invention that the jet-forming section (28) has a region in which the flow cross section of the flow duct (24) merges continuously from a circular shape into an elliptical shape.

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Cited by
RU2723169C1; WO2020214060A1

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