

Title (en)
POWER TURBINE FOR A ROTARY ATOMIZER

Title (de)
ANTRIEBSTURBINE FÜR EINEN ROTATIONSZERSTÄUBER

Title (fr)
TURBINE DE PUISSANCE POUR UN PULVÉRISATEUR ROTATIF

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Abstract (en)
[origin: WO2011120619A1] The invention relates to a turbine rotor (17) for a drive turbine (10) of a rotary atomizer (38), having a rotatably supported turbine shaft (17) having the potential for mounting an atomizer wheel, and having at least one drive turbine wheel (4-6; 25-27) having a plurality of turbine blades (34), wherein the turbine blades of the drive turbine wheel are impinged on during operation by a drive fluid in order to drive the turbine rotor (17). The invention proposes that the drive turbine wheel is designed for the drive fluid to axially impinge on the turbine blades. The invention further relates to a complete drive turbine (10) having such a turbine rotor and to a complete rotary atomizer and individual components of the drive turbine (10) according to the invention.

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