

Title (en)
TURBOCHARGER IMPELLER

Title (de)
LAUFRAD EINES ABGASTURBOLADERS

Title (fr)
ROTOR D'UN TURBOCOMPRESSEUR

Publication
EP 2877701 B1 20170510 (DE)

Application
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Abstract (en)
[origin: WO2014016084A1] The invention relates to a rotor of an exhaust gas turbocharger, which has a rotor hub and rotor vanes arranged on said rotor hub. The rotor vanes have a vane thickness distribution selected such that these rotor vanes have along their extent from the fluid leading edge (4) to the fluid trailing edge (5) at least one transition between a stiffness-oriented vane thickness distribution and an inertia and stress-oriented vane thickness distribution over the height of the vane.

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