

Title (en)
TURBINE HOUSING

Title (de)
TURBINENGEHÄUSE

Title (fr)
BOÎTIER DE TURBINE

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Application
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Abstract (en)
[origin: WO2008023068A2] It is an object of the invention to improve the outflow region of an axial turbine in terms of flow using simple means. According to the invention, this is achieved in that, in an axial turbine, the housing is formed, in the outflow region from the diffuser to the gas outlet housing, as one component with a combined inner and outer flow duct. As a result of the integration of the diffuser into the gas outlet housing, a housing is created which is aerodynamically optimized and ensures a maximum flow deceleration with minimum pressure loss.

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