

Title (en)
TURBINE FOR AN EXHAUST-GAS TURBOCHARGER

Title (de)
TURBINE FÜR EINEN ABGASTURBOLADER

Title (fr)
TURBINE DESTINÉE À UN TURBOCOMPRESSEUR À GAZ D'ÉCHAPPEMENT

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Application
EP 12766889 A 20120922

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Abstract (en)
[origin: WO2013083212A1] The invention relates to a turbine (10) for an exhaust-gas turbocharger, having a turbine housing (12) which has a receiving chamber (14) for receiving a turbine wheel (9) and at least one channel (4), through which exhaust gas can flow and by which the exhaust gas can be guided into the receiving chamber (14) via a feed duct (5) which is connected fluidically to the channel (4), wherein at least one guide element (18) which is fixed relative to the turbine housing (12) and projects into the feed duct (5) at least in a guide region (30) is provided for guiding the exhaust gas, wherein, in the guide region (30), the guide element (18) has, in relation to the axial direction of the turbine (10), a first length region (a), in which the guide element (18) is of different configuration with regard to the aerodynamic properties thereof than in a second length region (d), adjoining the first length region (a), in the guide region (30) of the guide element (18).

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