

Title (en)
TURBOCHARGER FOR AN INTERNAL COMBUSTION ENGINE, AND TURBINE WHEEL

Title (de)
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Title (fr)
TURBOCOMPRESSEUR POUR UN MOTEUR À COMBUSTION INTERNE AINSI QUE ROUE DE TURBINE

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Application
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Abstract (en)
[origin: WO2018177864A1] The invention relates to a turbocharger (1) for an internal combustion engine, comprising - a bearing housing (41), in which a rotor shaft (14) is mounted rotatably about a rotor axis of rotation (15); - an exhaust gas turbine (20) having a turbine wheel (12), which is arranged non-rotatably on the rotor shaft (14) and which has an impeller blading (121) comprising a plurality of turbine blades (122), and comprising a turbine housing (21), which is mechanically fixed to the bearing housing (41) and which surrounds the turbine wheel (12); wherein the turbine housing (21) and the turbine wheel (12), in respect of a meridional view of the exhaust gas turbine (20), are formed and coordinated with one another in such a way that the following condition is met (I).

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Citation (examination)
• US 2016341072 A1 20161124 - CHANDRAMOHANAN RAJMOHAN T [US], et al
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