

Title (en)

EXHAUST GAS TURBOCHARGER, MOTOR VEHICLE, AND METHOD FOR ASSEMBLING AN EXHAUST GAS TURBOCHARGER

Title (de)

ABGASTURBOLADER, KRAFTFAHRZEUG UND VERFAHREN ZUR MONTAGE EINES ABGASTURBOLADERS

Title (fr)

TURBOCOMPRESSEUR, VÉHICULE À MOTEUR ET PROCÉDÉ DE MONTAGE D'UN TURBOCOMPRESSEUR

Publication

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Application

**EP 10771717 A 20101022**

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Abstract (en)

[origin: WO2011057888A2] The invention relates to an exhaust gas turbocharger (1), in particular for an internal combustion engine (2) of a motor vehicle, having a bearing housing (3) for supporting an impeller shaft (4); having a compressor housing (5) for receiving a compressor disc (6); having a clamping device (10) comprising a first arm section (11) and an engagement section (12), wherein the first arm section (11) contacts a surface (7) of the bearing housing (3) at least in sections, and having a counter-clamping device (20) comprising a head segment (21) and a counter-engagement section (22), wherein the head section (21) contacts a first surface (8) of the compressor housing (5) at least in sections, and wherein the counter-engagement section (22) can be brought into form-fit contact with the engagement section (12), such that the bearing housing (3) and the compressor housing (5) are connected to each other by means of a force fit. The invention further relates to a motor vehicle and to a method for assembling such an exhaust gas turbocharger ().

IPC 8 full level

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