

Title (en)

ROTOR FOR A TURBOCHARGER DEVICE, TURBOCHARGER DEVICE HAVING A ROTOR, AND SHAFT FOR A ROTOR OF SAID TYPE

Title (de)

LÄUFER FÜR EINE TURBOLADEREINRICHTUNG, TURBOLADEREINRICHTUNG MIT EINEM LÄUFER UND WELLE FÜR EINEN SOLCHEN LÄUFER

Title (fr)

ROTOR POUR DISPOSITIF TURBOCOMPRESSEUR, DISPOSITIF TURBOCOMPRESSEUR ÉQUIPÉ D'UN ROTOR ET ARBRE POUR UN TEL ROTOR

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Application

EP 14727172 A 20140520

Priority

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Abstract (en)

[origin: WO2015000629A1] The invention relates to a rotor (1) for a turbocharger device (2), having a shaft (3, 3', 3'') and having arranged and fixed axially one behind the other on the shaft (3, 3', 3'') an impeller wheel (4), a sealing bushing element (5) and an axial bearing element (8, 8') which rotates with the shaft, wherein the sealing bushing element (5) and the axial bearing element (8, 8'), by way of an internal thread (10, 10', 10'') provided on at least one of said elements, are screwed to a first external thread (11, 11') arranged on the shaft (3, 3', 3'') and are braced against a shaft shoulder (12). Stronger and more rigid fixing of the parts that are pushed onto the shaft, and thus also lower susceptibility to vibration-induced faults during operation, are achieved by means of this construction.

IPC 8 full level

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