

Title (en)
SECONDARY AIR CHARGER

Title (de)
SEKUNDÄRLUFTLADER

Title (fr)
TURBOCOMPRESSEUR PNEUMATIQUE A SURALIMENTATION SECONDAIRE

Publication
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Application
EP 06763936 A 20060628

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Abstract (en)
[origin: WO2007003545A1] A secondary air charger comprises a bearing housing (1) and a turbine shaft (2). Said turbine shaft (2) is rotatably mounted in the bearing housing (1) by means of two roller bearings (3, 4) positioned at a mutual axial distance (a). The internal rings (5, 6) of the two roller bearings (3, 4) are arranged on the bearing seats (7, 8) of the turbine shaft (2). The turbine shaft (2) comprises a device (9) for determining the axial distance (a) of the two roller bearings (3, 4). The turbine shaft (2) comprises a base body (10) and at least one bush (11, 12, 14), wherein said base body (10) is embodied in the area of two bearing seats (7, 8) in the form of a cylindrical section (15) continuous in the axial direction (13). The at least one bush (11, 12, 14) is inserted by pushing between the of two bearing seats (7, 8) in such a way that a device (9) is formed on the cylindrical section (15)

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