

Title (en)

METHOD FOR CONNECTING A SHAFT TO A ROTARY COMPONENT AND TURBOCHARGER SHAFT PRODUCED BY SAID METHOD

Title (de)

VERFAHREN ZUM VERBINDEN EINER WELLE MIT EINEM ROTATIONSBAUTEIL UND NACH DIESEM VERFAHREN HERGESTELLTE TURBOLADERWELLE

Title (fr)

PROCÉDÉ DE RACCORDEMENT D'UN ARBRE À UNE PIÈCE TOURNANTE ET ARBRE DE TURBOCOMPRESSEUR FABRIQUÉ SELON LEDIT PROCÉDÉ

Publication

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Application

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Abstract (en)

[origin: WO2013164147A1] The invention relates to a method for producing a connection of at least one rotary component (30) to a shaft (10), wherein the at least one rotary component has a central opening (20) and the shaft has a first section (50) along the shaft and a second section (60) on an end face (65) of the shaft, wherein the method comprises the following steps: fixing the shaft at the first section thereof in the central opening of the at least one rotary component by means of an eccentric arrangement (71), such that the shaft is fixed in the radial direction relative to the at least one rotary component; and fixing the shaft at the second section thereof by press-fitting a ball (40), so that the shaft is secured in the axial direction relative to the at least one rotary component; wherein each fixing step is carried out by means of positive engagement.

IPC 8 full level

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See references of WO 2013164147A1

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