

Title (en)  
MULTI-PIECE TURBOCHARGER CASING

Title (de)  
MEHRTEILIGES TURBOLADERGEHÄUSE

Title (fr)  
CARTER DE TURBOCOMPRESSEUR EN PLUSIEURS PARTIES

Publication  
**EP 2601388 A1 20130612 (DE)**

Application  
**EP 11721766 A 20110523**

Priority  
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Abstract (en)  
[origin: WO2012016725A1] The invention relates overall to a turbocharger casing comprising a first casing part, wherein an oil line starts at a first opening on an outer side of the first casing part, runs through the first casing part and opens out at a second opening of a substantially hollow-cylindrical bearing receptacle of the first casing part. Such turbocharger casings of the prior art are produced in a complicated manner by a sand casting process and therefore give rise to high production costs. The teaching of the invention is to arrive, without functional losses, at a simple-to-produce and cost-effective turbocharger casing by the turbocharger casing having a second casing part attached to the first casing part and by both casing parts together forming a cooling water line provided for cooling the bearing receptacle. It is thus possible to arrive at a lightweight turbocharger casing by conventional machining production methods and joining technique, and this turbocharger casing can be produced cost-effectively.

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See references of WO 2012016725A1

Citation (examination)  
GB 730870 A 19550601 - WALTER EBERSPACHER, et al

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