

Title (en)
Turbine wheel for a turbocharger

Title (de)
Turbinenrad eines Turboladers

Title (fr)
Roue de turbine pour un turbocompresseur

Publication
EP 1956189 A1 20080813 (EN)

Application
EP 07002943 A 20070212

Priority
EP 07002943 A 20070212

Abstract (en)
A hot wheel of a turbocharger formed by precision casting, including a shaft-shaped hub part (1) disposed at a radially central portion thereof; a plurality of vane parts (2) formed on a periphery of the hub part (1); an wrench boss (3) formed at a top end of the hub part (1); and a boss portion (4) formed at a bottom end of the hub part (1). In the hot wheel having the above-described construction, with an outer configuration of a necessary portion of each of the hub part (1), the wrench boss (3), and the boss portion (4) maintained, a cavity (S1) open outward is formed with respect to an axis of said hub part (1) at at least one of said hub part (1), said wrench boss (3), and said boss portion (4).

IPC 8 full level
F01D 5/04 (2006.01); **F01D 5/14** (2006.01)

CPC (source: EP)
F01D 5/048 (2013.01); **F05D 2220/40** (2013.01); **F05D 2230/211** (2013.01); **F05D 2250/291** (2013.01); **F05D 2250/70** (2013.01)

Citation (search report)

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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