

Title (en)  
Compressor wheel assembly

Title (de)  
Anordnung eines Verdichterlaufrades

Title (fr)  
Assemblage de roue de compresseur

Publication  
**EP 1413764 A3 20050413 (EN)**

Application  
**EP 03256586 A 20031020**

Priority  
GB 0224726 A 20021024

Abstract (en)  
[origin: EP1413764A2] A compressor wheel assembly comprises a compressor wheel (7) mounted to a rotating shaft (8) which extends through a bore provided along the rotational axis of the wheel. The bore has a first axial portion (21) corresponding in diameter to the diameter of the shaft, and a second axial portion (22) of enlarged diameter, such that the inner surface of the second portion of the bore (22) is radially spaced from the shaft (8). <IMAGE>  
[origin: EP1413764A2] The assembly includes a compressor wheel (7) mounted to a rotating shaft (8). The shaft extends through a bore (22) provided along the rotational axis of the wheel. The bore has a first axial portion (21) corresponding in diameter to the diameter of the shaft, and a second axial portion (22) of enlarged diameter, such that the inner surface of the second portion of bore is radially spaced from the shaft. An independent claim is also included for a turbocharger.

IPC 1-7  
**F04D 29/26**; **F04D 25/04**

IPC 8 full level  
**F04D 29/28** (2006.01); **F02B 39/00** (2006.01); **F04D 29/26** (2006.01)

CPC (source: EP KR US)  
**F02B 39/00** (2013.01 - KR); **F04D 29/266** (2013.01 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1413764 A2 20040428**; **EP 1413764 A3 20050413**; CN 1499083 A 20040526; GB 0224726 D0 20021204; JP 2004144096 A 20040520; KR 20040036657 A 20040430; US 2004126251 A1 20040701

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**EP 03256586 A 20031020**; CN 200310119813 A 20031024; GB 0224726 A 20021024; JP 2003364667 A 20031024; KR 20030074547 A 20031024; US 69109303 A 20031022