

Title (en)

Method for producing of a basic body for the support disk of an OE-rotor bearing and basic body

Title (de)

Verfahren zur Herstellung eines Grundkörpers für die Stützscheibe einer OE-Rotorlagerung und Grundkörper

Title (fr)

Procédé pour la production d'un corps de base pour disque de support du palier d'un rotor OE et corps de base

Publication

**EP 1327707 B1 20060524 (DE)**

Application

**EP 02025442 A 20021115**

Priority

DE 10200743 A 20020110

Abstract (en)

[origin: EP1327707A1] The body blank for a rotor bearing support disk (1) is made by high deformation pressing followed by a hardening process. The strength, especially round the hub (2) is between 250 and 350 N/mm<sup>2</sup>. The body (1) and hub (2) are made in one piece and at least some of the profiling (3) on the periphery is made by pressing. The body is made in a number of stages, the bore (21) being finished by machining. The profile (3) has an undercut (31) to assist in holding a synthetic running surface. The outer diameter (G) is preferably between 60 and 75 mm and the ratio between the diameter of the hub (N) and the bore (B) is between 1.8 and 2.3.

IPC 8 full level

**D01H 4/12** (2006.01)

CPC (source: EP)

**D01H 4/12** (2013.01)

Cited by

WO2016150755A1

Designated contracting state (EPC)

AT CH CZ DE IT LI

DOCDB simple family (publication)

**EP 1327707 A1 20030716; EP 1327707 B1 20060524**; AT E327360 T1 20060615; DE 10200743 A1 20030724; DE 50206879 D1 20060629; TW 200301791 A 20030716

DOCDB simple family (application)

**EP 02025442 A 20021115**; AT 02025442 T 20021115; DE 10200743 A 20020110; DE 50206879 T 20021115; TW 91137754 A 20021227