

Title (en)
A ROTOR ASSEMBLY

Title (de)
ROTORBAUGRUPPE

Title (fr)
ENSEMBLE ROTOR

Publication
EP 1680856 A1 20060719 (EN)

Application
EP 04768550 A 20040917

Priority
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• GB 0321951 A 20030919

Abstract (en)
[origin: GB2406223A] A rotor assembly 1 for an electric machine such as a motor comprises a rotor 3 on a shaft 2 having a bearing 7, 8 at each end portion, the bearings being arranged to rotatably support the rotor and shaft. The assembly further comprises a balancing member 40, from which material may be removed for balancing the rotor assembly. The balancing member is located in a predetermined position and orientation with respect to the rotor. The balancing member includes an encoder disk 42, arranged to permit the position of the rotor with respect to a stator 13 to be determined. The provision of a balancing member having an integral encoder disk facilitates the manufacture of the rotor assembly. As the balancing member is located in a predetermined position, the encoder automatically assumes a predetermined position and hence the position of the rotor can be determined with certainty.

IPC 1-7
H02K 5/16; **F16C 27/06**; **A47L 9/00**

IPC 8 full level
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