

Title (en)  
DEVICE FOR A CONTACTLESS OUT-OF-BALANCE MEASUREMENT

Publication  
**EP 0082956 B1 19860212 (DE)**

Application  
**EP 82110802 A 19821123**

Priority  
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Abstract (en)  
[origin: ES8400822A1] In accordance with the invention, a magnetic field sensor is disposed on a stationary part of a centrifuge near an annular member of a rotor and is adapted to detect those variations in a gap which exists between the annular member and the sensor. The variations in the gap arising from deflection and/or precession of the rotor axis.

IPC 1-7  
**B04B 9/14**

IPC 8 full level  
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CPC (source: EP US)  
**B04B 9/146** (2013.01 - EP US)

Cited by  
US5738622A; DE3929792A1; DE4335119A1; EP0648541A3; US5496254A

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AT BE CH DE FR GB IT LI NL SE

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**EP 0082956 A1 19830706; EP 0082956 B1 19860212**; AT E17928 T1 19860215; AU 542725 B2 19850307; AU 9166182 A 19830804; CA 1194709 A 19851008; DE 3269101 D1 19860327; DK 571382 A 19830625; ES 517774 A0 19831116; ES 8400822 A1 19831116; JP S58118938 A 19830715; JP S6244232 U 19870317; JP S6324424 Y2 19880705; NO 156844 B 19870824; NO 156844 C 19871202; NO 824361 L 19830627; US 4491019 A 19850101

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