

Title (en)  
DEVICE FOR THE MAGNETIC MEASUREMENT OF THE ROTATION OF A MAGNETISED BALL, AND METHOD FOR MEASURING THE ROTATION OF THE BALL

Title (de)  
EINRICHTUNG ZUR MAGNETISCHEN MESSUNG DER ROTATION EINER MAGNETISIERTEN KUGEL UND VERFAHREN ZUR MESSUNG DER ROTATION DER KUGEL

Title (fr)  
DISPOSITIF DE MESURE MAGNÉTIQUE DE ROTATION D'UNE BOULE MAGNÉTISÉE ET PROCÉDÉ DE MESURE DE LA ROTATION DE LA BOULE

Publication  
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Application  
**EP 10713693 A 20100319**

Priority  

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Abstract (en)  
[origin: WO2010106252A2] The invention relates to a rotation measuring device comprising at least one ball (1), each ball being magnetised or temporarily magnetised in such a way as to have a dipolar magnetisation. The ball (1) can rotate freely in a recess (6) of a frame (10), the device comprising means (5) for detecting a magnetic field created by the at least one ball (1), according to at least three non-coplanar axes extending in different directions.

IPC 8 full level  
**G01D 5/14** (2006.01); **G06F 3/033** (2006.01)

CPC (source: EP US)  
**G01D 5/142** (2013.01 - EP US)

Citation (search report)  
See references of WO 2010106252A2

Citation (examination)  

- JP H07248875 A 19950926 - YASHIMA DENKI KK
- US 2005012716 A1 20050120 - MIKULIN DOMINIC JOSEF [GB], et al
- JP 2007145969 A 20070614 - PILOT INK CO LTD
- CH 697773 B1 20090213 - POLYCONTACT AG [CH]

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