

Title (en)

DEVICE FOR DETECTING THE ROTATION SPEED OF A ROTATING ELEMENT

Title (de)

VORRICHTUNG ZUR BESTIMMUNG DER DREHGESCHWINDIGKEIT EINES DREHELEMENTS

Title (fr)

DISPOSITIF DE DETECTION DE LA VITESSE DE ROTATION D'UN ELEMENT TOURNANT

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Application

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Abstract (en)

[origin: FR2820476A1] The invention relates to a device for detecting the rotation speed of a rotating element (1) supported by at least one external rotating ring (7) with at least one antifriction bearing (5). At least one internal non-rotating ring (9) of the antifriction bearing is solidly connected to a shaft (16) mounted on a support (20). The inventive device comprises a non-rotating sensing means (31) adjacent to the bearing and a rotating coding means (29). The coding means is at least partially fixed by magnetisation to a flange which is integral to the rotating ring and which is made from a magnetisable material.

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G01P 3/44; G01P 3/487

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