

Title (en)

SENSOR ARRANGEMENT COMPRISING MAGNETIC INDEX ENCODER IN A BEARING SEAL

Title (de)

SENSORANORDNUNG MIT MAGNETISCHEM INDEX-ENCODER IN EINER LAGERDICHTUNG

Title (fr)

ENSEMBLE DE DÉTECTION COMPRENANT UN CODEUR À INDEX MAGNÉTIQUE DANS UN JOINT DE PALIER

Publication

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Application

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Abstract (en)

[origin: WO2012016861A1] The invention relates to a sensor arrangement comprising a torque sensor (3) for measuring the torque acting on a first shaft (1, 2) and comprising a rotational angle index unit. The first shaft (1, 2) is supported by at least one bearing (6), the seal (7) of said bearing comprising a magnetic index encoder (7, 8, 9, 10) that is detected by at least one magnetic field sensor element (5).

IPC 8 full level

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Citation (search report)

See references of WO 2012016861A1

Citation (examination)

US 5431413 A 19950711 - HAJZLER CHRISTIAN [FR]

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