Title (en)

MONITORING OF THE STATE OF A FIRST ELEMENT MOVABLE RELATIVE TO A SECOND ELEMENT AND RUBBING AGAINST SAID SECOND ELEMENT

Title (de)

ÜBERWACHUNG DES ZUSTANDS EINES ERSTEN ELEMENTS, DAS ZU EINEM ZWEITEN ELEMENT RELATIV BEWEGLICH IST UND AN DEM BESAGTEN ZWEITEN ELEMENT REIBT

Title (fr)

SURVEILLANCE DE L'ETAT D'UN PREMIER ELEMENT MOBILE PAR RAPPORT A UN DEUXIEME ELEMENT ET FROTTANT CONTRE CE DEUXIEME ELEMENT

Publication

EP 3317138 A1 20180509 (FR)

Application

EP 16742366 A 20160630

Priority

- FR 1556139 A 20150630
- FR 2016051662 W 20160630

Abstract (en)

[origin: WO2017001800A1] A system (40) for monitoring the state of a first element movable relative to a second element and designed for rubbing against said second element comprises: - a transformer (50) for electrically isolating a measurement circuit (30) from the ground voltage of a detection circuit (20); - the detection circuit, which further comprises a winding (22) of the transformer, a detection element (25, 25', 3) designed to be installed in or on the first element, said detection element being arranged in such a way that the current through this detection element depends on the state of the strip, the ground of the detection circuit being connected to the potential of the second element; - the measurement circuit, which comprises the other winding (31) of the transformer and an alternator; - means (33) for measuring the voltage across the terminals of the winding of the electric measurement circuit.

IPC 8 full level

B60L 5/20 (2006.01); **G01R 31/00** (2006.01); **H01R 39/58** (2006.01)

CPC (source: CN EP)

B60L 5/205 (2013.01 - EP); **G01R 31/008** (2013.01 - CN); H01R 39/58 (2013.01 - CN EP); H01R 41/00 (2013.01 - CN EP)

Citation (search report)

See references of WO 2017001800A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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