

Title (en)  
METHOD AND ARRANGEMENT FOR MONITORING GEARWHEELS DURING OPERATION

Title (de)  
VERFAHREN UND ANORDNUNG ZUR ÜBERWACHUNG VON ZAHNRÄDERN IM BETRIEB

Title (fr)  
PROCÉDÉ ET SYSTÈME DESTINÉS À SURVEILLER DES ENGRENAGES EN MARCHÉ

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Application  
**EP 12769958 A 20120905**

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Abstract (en)  
[origin: WO2013045245A1] The invention relates to a method for monitoring gearwheels during operation using at least one magneto-elastic sensor (1), which measures without contact, for recording changes in permeability when mechanical stresses are present in the gearwheel, wherein the positioning of the at least one magneto-elastic sensor (1) on the gearwheel to be monitored is such that said sensor grasps the gearwheel in the region where high stresses occur and forces can be determined by measuring changes in permeability. Use: contactless determination of data on gearwheels.

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