

Title (en)
MEASURING DEVICE AND METHOD FOR ANALYSING THE LUBRICANT OF A BEARING

Title (de)
MESSVORRICHTUNG UND VERFAHREN ZUR ANALYSE DES SCHMIERMITTELS EINES LAGERS

Title (fr)
DISPOSITIF DE MESURE ET PROCÉDÉ POUR L'ANALYSE DU LUBRIFIANT D'UN PALIER

Publication
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Application
EP 08801240 A 20080827

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Abstract (en)
[origin: WO2009030202A1] The invention relates to a measuring device for analysing a lubricant (1) of a bearing (2). Said measuring device comprises an electromagnetic radiation emitter (7), a receiving element (12) and a test area (8) that is arranged between the emitter (7) and the receiving element (12). The aim of the invention is to further improve known measuring devices such that current information on the condition of the lubricant in the bearing can be obtained. Said aim is achieved by virtue of the fact that at least some sections of the test area (8) are inside (5) the bearing (2) and that the receiving element (12) supplies a spectrum of electromagnetic radiation captured by the test area (8). The invention also relates to a bearing (2) and to a seal for a bearing (2) and to a method for detecting and monitoring the condition of the lubricant (1) of a bearing (2).

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Citation (search report)
See references of WO 2009030202A1

Citation (examination)
• EP 0706050 A1 19960410 - BP CHEMICALS SNC [FR]
• JP 2007212205 A 20070823 - NTN TOYO BEARING CO LTD

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