

Title (en)

METHOD FOR MONITORING DRIVE COMPONENTS IN A LARGE HYDRAULIC EXCAVATOR

Title (de)

VERFAHREN ZUR ÜBERWACHUNG VON ANTRIEBSKOMPONENTEN EINES GROßHYDRAULIKBAGGERS

Title (fr)

PROCÉDÉ DE SURVEILLANCE DES COMPOSANTS MOTEURS D'UNE GROSSE PELLETEUSE HYDRAULIQUE

Publication

**EP 2601490 A1 20130612 (DE)**

Application

**EP 11746169 A 20110729**

Priority

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- EP 2011003815 W 20110729

Abstract (en)

[origin: WO2012016666A1] A method for continuously and simultaneously monitoring a plurality of operatively connected mechanical and/or hydraulic drive components provided in at least one drive train in a large hydraulic excavator by virtue of a vibration sensor being positioned in the region of just a single one of the operatively connected drive components, said vibration sensor being connected by means of a line to an evaluation unit which contains prescribable conspicuousness patterns for all the operatively connected drive components, and the collective measurement signal from all the operatively connected drive components being aligned in conditioned form, as an input frequency, with a limit value - associated with the respective individual drive component - from the conspicuousness pattern.

IPC 8 full level

**G01H 1/00** (2006.01); **G01M 13/02** (2006.01); **G01M 15/12** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2012016666A1

Designated contracting state (EPC)

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