

Title (en)

DEVICE AND METHOD FOR MONITORING THE STATE OF HYDROSTATIC DISPLACEMENT UNITS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ZUSTANDSÜBERWACHUNG BEI HYDROSTATISCHEN VERDRÄNGEREINHEITEN

Title (fr)

DISPOSITIF ET PROCEDE DE SURVEILLANCE DE L'ETAT D'UNITES DE REFOULEMENT HYDROSTATIQUE

Publication

EP 1960666 B1 20120704 (DE)

Application

EP 06829533 A 20061212

Priority

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- DE 102005059564 A 20051213

Abstract (en)

[origin: WO2007068448A1] The invention relates to a device (1) for monitoring the state of hydrostatic displacement units (2), in particular, axial piston machines (3) which are actuated as a pump or a motor. Said device comprises (1) a detector unit (4) comprising a plurality of sensors (5) which are arranged on the hydrostatic displacement unit (2) for detecting monitoring data (6) and operational data (7), in addition to an evaluation unit (8) which comprises a device (9) for analysing the monitoring data in the frequency range and a device (10) for analysing the monitoring data in a period of time. A diagnosis unit (11), which comprises an output unit (13), is connected to the evaluation unit (8).

IPC 8 full level

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Cited by

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