

Title (en)

BEARING ASSEMBLY AND METHOD FOR DETERMINING A LOAD AREA OF A BEARING

Title (de)

LAGERANORDNUNG UND VERFAHREN ZUM ERMITTELN EINER LASTZONE EINES LAGERS

Title (fr)

ENSEMBLE PALIER ET PROCÉDÉ POUR CALCULER UNE ZONE DE CHARGEMENT D'UN PALIER

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2014044302A1] The invention relates to a bearing arrangement (10) having a bearing (12) supporting a movable component (20) in relation to a stationary component (22), and a detection device (30) for determining a load zone of the bearing (12), which is formed by an area of the bearing (12) in which, during a movement of the movable component (12), a higher mechanical loading occurs in the bearing (12) compared to an adjacent area, wherein the bearing arrangement (10) comprises at least two temperature sensors (24) for the respective detection of a temperature, and the detection device (30) is designed to determine the load zone of the bearing (12) by using the detected temperatures.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2014044302A1

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