

Title (en)

METHOD AND DEVICE FOR MONITORING THE AREA OF TECHNICAL ROLLING BODIES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ÜBERWACHEN DES BEREICHS TECHNISCHER ROLLKÖRPER

Title (fr)

PROCEDE ET DISPOSITIF POUR SURVEILLER LA ZONE DE CORPS DE ROULEMENT TECHNIQUES

Publication

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Application

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Abstract (en)

[origin: US7084755B1] The invention relates to a method for monitoring the area of technical rolling bodies, especially their supports, wherein the forces exerted in that area are detected with sensors in order to generate electrical energy and to detect changes in the state of the area. At least one of the sensors ( 2, 3, 4 ) arranged in the area of the technical rolling bodies is actively impinged upon with electrical energy and introduces impulses that can be evaluated in the support (1) of the sensor ( 2, 3, 4 ) working as actuator. Thus, impulses that can be evaluated can be detected at any given time by the sensors ( 2, 3, 4 ) in the area ( 1 ) of the technical rolling bodies during monitoring with an electrical evaluation unit.

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