

Title (en)

MEASURING SYSTEM AND MEASURING METHOD FOR DETERMINING WEAR OF A BRAKE LINING OF A FRICTION BRAKE

Title (de)

MESSSYSTEM UND MESSVERFAHREN ZUM ERMITTELN EINES VERSCHLEIßES EINES BREMSBELAGS EINER REIBUNGSBREMSE

Title (fr)

SYSTÈME DE MESURE ET PROCÉDÉ DE MESURE POUR DÉTERMINER L'USURE D'UNE GARNITURE DE FREIN D'UN FREIN À FRICTION

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Application

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Abstract (en)

[origin: WO2020057973A1] The invention relates to a measuring system and to a method for determining wear of a brake lining (6) of a friction brake, wherein a wear element (11), the wear of which is detected as representative of the brake lining (6) or by which wear of the brake lining (6) is detected, is integrated into the brake lining (6). The measuring system comprises a permanent magnet (13) and a magnetic field sensor which are arranged in a ferromagnetic core (16) in a closed first magnetic circuit, and the wear element (11) is ferromagnetic and is designed in such a way that a second magnetic circuit leads through the wear element (11) and the permanent magnet (13).

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