

Title (en)

DEVICE FOR THE MONITORING OF OPERATING DATA AND/OR DETERMINATION OF THE DISCARD STATE OF A ROPE USED ON HOISTS

Title (de)

VORRICHTUNG ZUR ÜBERWACHUNG VON BETRIEBSDATEN UND/ODER BESTIMMUNG DER ABLEGEREIFE EINES SEILS BEIM EINSATZ AN HEBEZEUGEN

Title (fr)

DISPOSITIF DE SURVEILLANCE DES DONNÉES D'EXPLOITATION ET/OU DÉTERMINATION DE LA MISE AU REBUT D'UNE CORDE POUR ENGINS DE LEVAGE

Publication

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Application

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Abstract (en)

[origin: WO2017174191A1] The invention relates to a device for monitoring operating data and/or determining the replacement state of wear of a cable (1) during use on lifting apparatuses, in particular cranes, comprising a sensing apparatus (2) for sensing at least one cable utilization characteristic value influencing the replacement state of wear and a data store (5) for storing the cable utilization characteristic value and/or an operating characteristic value derived therefrom, characterized in that the data store (5) is integrated into the cable (1), wherein a reading and/or writing unit (4) connected to the sensing apparatus (2) is provided for writing to the data store (5) when the cable (1) is installed on the lifting apparatus. The invention further relates to a lifting apparatus, in particular a crane such as a tower crane, port crane, or telescopic crane, comprising a cable (1) and comprising said device.

IPC 8 full level

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