

Title (en)
WEAR MONITORING SYSTEM, CABLE-OPERATED TRANSPORT EQUIPMENT AND METHOD FOR MONITORING WEAR PARTS THEREOF

Title (de)
VERSCHLEISSÜBERWACHUNGSSYSTEM, SEILBETRIEBENE TRANSPORTANLAGE UND VERFAHREN ZUR ÜBERWACHUNG VON
VERSCHLEISSTEILEN DERSELBEN

Title (fr)
SYSTÈME DE SURVEILLANCE DE L'USURE, ÉQUIPEMENT DE TRANSPORT À TRACTION PAR CÂBLE ET PROCÉDÉ DE SURVEILLANCE
DES PIÈCES D'USURE DE CELUI-CI

Publication
EP 2254784 A1 20101201 (DE)

Application
EP 09720504 A 20090313

Priority
• EP 2009052956 W 20090313
• DE 102008015035 A 20080313

Abstract (en)
[origin: WO2009112564A1] In order to increase the operational safety of cable-operated transport equipment, a wear monitoring system (38) is proposed for monitoring the wear and/or tear of at least one equipment component (22, 48, 98, 100) of cable-operated transport equipment comprising a supporting and/or traction cable and/or a hoisting cable (12) and at least one drive unit (16, 106), said component being subjected to wear and/or tear and supported in a rotating and/or revolving manner, comprising a characteristic variable measuring device for measuring an actual value and/or a time-dependent actual value function of at least one electrical and/or mechanical characteristic variable of the at least one equipment component and/or of the drive unit, and comprising an evaluation device (70) for determining a characteristic variable deviation of the actual value from a target value as a function of time or a time interval, and/or a deviation of the actual value function from a time-dependent target value function of the at least one characteristic variable, wherein the characteristic variable deviation corresponds to a tear and/or wear state of the at least one equipment component.

IPC 8 full level
B61B 12/06 (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2009112564A1

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