

Title (en)

CURRENT MONITORING FOR INDICATING CONDITION OF ATTACHED ELECTRICAL APPARATUS

Title (de)

STROMÜBERWACHUNG ZUR ANZEIGE DES ZUSTANDS EINER ANGESCHLOSSENEN ELEKTRISCHEN VORRICHTUNG

Title (fr)

CONTRÔLE DE COURANT POUR INDiquer UNE CONDITION D'UN APPAREIL ÉLECTRIQUE ATTACHÉ

Publication

EP 2769228 A1 20140827 (EN)

Application

EP 12842268 A 20121019

Priority

- US 201113277169 A 20111019
- US 201261603162 P 20120224
- US 2012061189 W 20121019

Abstract (en)

[origin: WO2013059721A1] A current monitor is described that indicates a condition of attached electrical equipment. The current monitor can determine a predetermined range in which current being withdrawn by the attached electrical apparatus lies. Based on the determined range, corresponding display electronic elements, such as light emitting diodes (LEDs), can be activated. Activated LEDs of a particular color can indicate corresponding conditions of the electrical equipment. For example, activation of green LEDs can indicate normal functioning of the electrical equipment, activation of one or more amber/yellow LEDs can indicate that lubrication of the electrical equipment is required soon, and activation of one or more red LEDs can indicate that lubrication of the electrical equipment is required and that the electrical equipment may not be used to avoid damage/failure due to overheating of the electronic circuitry associated with the electrical equipment. Related apparatus, systems, techniques and articles are also described.

IPC 8 full level

G01R 19/165 (2006.01); **A63B 22/00** (2006.01); **A63B 22/02** (2006.01); **A63B 22/06** (2006.01); **G01R 19/25** (2006.01)

CPC (source: EP US)

G01R 19/16595 (2013.01 - EP); **G01R 19/2506** (2013.01 - US); **A63B 22/0056** (2013.01 - EP); **A63B 22/02** (2013.01 - EP); **A63B 22/0605** (2013.01 - EP); **A63B 22/0664** (2013.01 - EP); **A63B 2225/30** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013059721 A1 20130425; EP 2769228 A1 20140827; EP 2769228 A4 20160810

DOCDB simple family (application)

US 2012061189 W 20121019; EP 12842268 A 20121019