

Title (en)

DEVICE FOR EXAMINING A CONVEYOR SYSTEM, AND CONTROL UNIT, MOTORIZED ROLLER, CONVEYOR SYSTEM, AND METHOD

Title (de)

VORRICHTUNG ZUR UNTERSUCHUNG EINER FÖRDERANLAGE SOWIE STEUEREINHEIT, MOTORROLLE UND FÖRDERANLAGE UND VERFAHREN

Title (fr)

DISPOSITIF SERVANT À EXAMINER UNE INSTALLATION DE CONVOYAGE AINSI QU'UNITÉ DE COMMANDE, ROULEAU MOTEUR ET INSTALLATION DE CONVOYAGE ET PROCÉDÉ

Publication

**EP 3724107 A1 20201021 (DE)**

Application

**EP 18819069 A 20181210**

Priority

- DE 102017129460 A 20171211
- EP 2018084166 W 20181210

Abstract (en)

[origin: WO2019115454A1] The invention relates to a device for examining a conveyor system comprising one or more motorized rollers, to a control unit, to a motorized roller, to a conveyor system, and to a method for examining a conveyor system comprising one or more motorized rollers. The device comprises a measuring unit for ascertaining a current curve of the motorized roller, wherein the measuring unit has a first interface and a second interface which are designed to switch the measuring unit in the conveyor system between the motorized roller and a control unit which controls the motorized roller; a third interface for receiving data on the operating situation occurring while the current curve is ascertained; and an analysis unit which is designed to compare the ascertained current curve of the motorized roller with a reference curve which characterizes the operating situation.

IPC 8 full level

**B65G 43/00** (2006.01); **B65G 13/02** (2006.01)

CPC (source: EP US)

**B65G 13/02** (2013.01 - EP US); **B65G 43/00** (2013.01 - EP); **B65G 43/02** (2013.01 - US); **B65G 2203/0275** (2013.01 - US); **B65G 2203/0291** (2013.01 - US)

Citation (search report)

See references of WO 2019115454A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102017129460 A1 20190613**; CN 111527034 A 20200811; EP 3724107 A1 20201021; JP 2021505497 A 20210218; US 11136198 B2 20211005; US 2021171288 A1 20210610; WO 2019115454 A1 20190620

DOCDB simple family (application)

**DE 102017129460 A 20171211**; CN 201880079534 A 20181210; EP 18819069 A 20181210; EP 2018084166 W 20181210; JP 2020550910 A 20181210; US 201816770766 A 20181210