

Title (en)  
ELEVATOR DOOR COMPONENT MONITORING SYSTEMS AND METHODS

Title (de)  
AUFZUGSTÜRKOMPONENTENÜBERWACHUNGSSYSTEME UND -VERFAHREN

Title (fr)  
SYSTÈMES ET PROCÉDÉS DE SURVEILLANCE DE COMPOSANTS DE PORTE D'ASCENSEUR

Publication  
**EP 3527523 A1 20190821 (EN)**

Application  
**EP 18305172 A 20180219**

Priority  
EP 18305172 A 20180219

Abstract (en)  
Elevator door air cord monitoring systems and methods are provided. The elevator door air cord monitoring systems include a door air cord (702) having a first end (706) and a second end (708) and an air cord monitoring system (714) connected to the door air cord (702). The air cord monitoring system (714) includes a power source electrically coupled to the door air cord (702) and configured to transmit a current through the door air cord and a controller arranged to monitor a resistivity signal associated with the current passed through the door air cord (702), wherein the controller is configured to generate a first maintenance signal if the monitored resistivity signal exceeds a threshold value.

IPC 8 full level  
**B66B 5/00** (2006.01); **B66B 7/12** (2006.01); **B66B 13/08** (2006.01); **B66B 13/14** (2006.01)

CPC (source: EP)  
**B66B 5/0025** (2013.01); **B66B 7/1223** (2013.01); **B66B 13/08** (2013.01); **B66B 13/143** (2013.01)

Citation (search report)  
• [A] JP 2010100409 A 20100506 - MITSUBISHI ELECTRIC CORP, et al  
• [A] EP 1556303 A1 20050727 - WITTUR SPA [IT]  
• [A] CN 205381840 U 20160713 - ZHOUSHAN NANWEI TONGLI ELEVATOR ENG CO LTD  
• [A] EP 1357073 A1 20031029 - MITSUBISHI ELECTRIC CORP [JP]

Cited by  
CN114314260A

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)  
**EP 3527523 A1 20190821**

DOCDB simple family (application)  
**EP 18305172 A 20180219**