

Title (en)
Safety device and lift device

Title (de)
Sicherungsvorrichtung sowie Aufzugvorrichtung

Title (fr)
Dispositif de sécurisation et dispositif d'ascenseur

Publication
EP 2604566 B1 20140326 (DE)

Application
EP 11009794 A 20111212

Priority
EP 11009794 A 20111212

Abstract (en)
[origin: EP2604566A1] The apparatus has a safety circuit (16) with an interruption apparatus (104) for interrupting a drive depending on a conduction state of the safety circuit. Another safety circuit (14) comprises two sensors (10, 11) switched between two switching states depending on a state to be detected by the sensors. A switching unit is switched between the switching states by connection to the safety device to effect one of the closed and open conduction states of the safety circuit. A transmission device of the switching unit transmits a data signal or monitoring signal to a monitoring unit (100). The sensors are inductive or capacitive sensor.

IPC 8 full level
B66B 5/00 (2006.01); **B66B 13/22** (2006.01)

CPC (source: EP US)
B66B 5/0031 (2013.01 - EP US); **B66B 5/02** (2013.01 - US); **B66B 13/22** (2013.01 - EP US)

Cited by
CN104071667A; CN105813972A; US2020140235A1; US9731904B2; US10239729B2; WO2015086271A1

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)
EP 2604566 A1 20130619; EP 2604566 B1 20140326; BR 102012031603 A2 20140429; BR 102012031711 A2 20190108; BR 102012031717 A2 20151020; CN 103159103 A 20130619; CN 103159103 B 20170707; US 2013146398 A1 20130613; US 8820482 B2 20140902

DOCDB simple family (application)
EP 11009794 A 20111212; BR 102012031603 A 20121211; BR 102012031711 A 20121212; BR 102012031717 A 20121212; CN 201210536263 A 20121212; US 201213677678 A 20121115