

Title (en)
SAFETY CIRCUIT FOR A LIFT SYSTEM

Title (de)
SICHERHEITSKREIS FÜR EINE AUFZUGSANLAGE

Title (fr)
CIRCUIT DE SÉCURITÉ POUR UNE INSTALLATION D'ASCENSEUR

Publication
EP 3080030 B1 20180307 (DE)

Application
EP 14800042 A 20141118

Priority
• EP 13196227 A 20131209
• EP 2014074941 W 20141118
• EP 14800042 A 20141118

Abstract (en)
[origin: WO2015086271A1] The invention relates to a safety circuit (1) for an elevator system. Said safety circuit (1) comprises a first circuit (2) that includes a plurality of switching contacts (6.1, 6.2, 6.n), and a second circuit (3) that includes a plurality of switching contacts (5.1, 5.2, 5.n). The switching contacts (6.1, 6.2, 6.n) of the first circuit (2) are connected in series, and the switching contacts (5.1, 5.2, 5.n) of the second circuit (3) are connected in parallel. Furthermore, a switching contact (6.1, 6.2, 6.n) of the first circuit (2) is associated with a switching contact (5.1, 5.2, 5.n) of the second circuit (3). Two switching contacts (6.1, 5.1) that are associated with each other are in opposite switching states.

IPC 8 full level
B66B 13/22 (2006.01)

CPC (source: EP US)
B66B 5/0031 (2013.01 - US); **B66B 5/02** (2013.01 - US); **B66B 5/16** (2013.01 - US); **B66B 13/22** (2013.01 - EP US);
H01H 2001/0005 (2013.01 - US)

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 2015086271 A1 20150618; CN 105813972 A 20160727; CN 105813972 B 20171124; EP 3080030 A1 20161019; EP 3080030 B1 20180307; ES 2668868 T3 20180522; PL 3080030 T3 20180831; TR 201807531 T4 20180621; US 10239729 B2 20190326; US 2017001833 A1 20170105

DOCDB simple family (application)
EP 2014074941 W 20141118; CN 201480066648 A 20141118; EP 14800042 A 20141118; ES 14800042 T 20141118; PL 14800042 T 20141118; TR 201807531 T 20141118; US 201415038777 A 20141118