

Title (en)
SAFETY SYSTEM FOR AN ELEVATOR STRUCTURE

Title (de)
SICHERHEITSSYSTEM EINER AUFZUGSANLAGE

Title (fr)
SYSTEME DE SECURITE D'UNE INSTALLATION D'ASCENSEUR

Publication
EP 1638880 B1 20070725 (DE)

Application
EP 04738034 A 20040625

Priority
• CH 2004000393 W 20040625
• EP 03405483 A 20030630
• EP 04738034 A 20040625

Abstract (en)
[origin: US7350624B2] Safety system of an elevator installation, with a control unit, a bus node, a safety element and a bus, which enables a communication between the control unit and the bus node. The bus node includes a first switching arrangement, which on digital presetting by the control unit acts on the safety element by a first analog signal. The bus node additionally includes a second switching arrangement which derives an analog signal from the safety element and makes digital feedback information available to the control unit by way of the bus.

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

CPC (source: EP KR US)
B66B 5/00 (2013.01 - KR); **B66B 5/0031** (2013.01 - EP US); **B66B 5/02** (2013.01 - KR); **B66B 13/22** (2013.01 - EP KR US)

Cited by
WO2013020934A1; CN102491141A; AU2012293670B2; US10926974B2; US9695016B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005000727 A1 20050106; AT E367993 T1 20070815; AU 2004251797 A1 20050106; AU 2004251797 B2 20100304; AU 2004251797 B8 20100805; BR PI0412047 A 20060905; BR PI0412047 B1 20150901; CA 2526984 A1 20050106; CA 2526984 C 20120403; CN 100590051 C 20100217; CN 1812923 A 20060802; CY 1106914 T1 20120926; DE 502004004449 D1 20070906; DK 1638880 T3 20071008; DK 1638880 T4 20131014; EP 1638880 A1 20060329; EP 1638880 B1 20070725; EP 1638880 B2 20130724; ES 2291884 T3 20080301; ES 2291884 T5 20131129; HK 1090015 A1 20061215; JP 2007506625 A 20070322; JP 4647599 B2 20110309; KR 100724325 B1 20070604; KR 20060035651 A 20060426; MX PA05013517 A 20060309; NZ 543896 A 20080731; PL 1638880 T3 20071231; PL 1638880 T5 20131231; PT 1638880 E 20070921; SI 1638880 T1 20071231; SI 1638880 T2 20131030; US 2006157305 A1 20060720; US 7350624 B2 20080401

DOCDB simple family (application)
CH 2004000393 W 20040625; AT 04738034 T 20040625; AU 2004251797 A 20040625; BR PI0412047 A 20040625; CA 2526984 A 20040625; CN 200480018080 A 20040625; CY 071101281 T 20071008; DE 502004004449 T 20040625; DK 04738034 T 20040625; EP 04738034 A 20040625; ES 04738034 T 20040625; HK 06110645 A 20060925; JP 2006517926 A 20040625; KR 20057025425 A 20051230; MX PA05013517 A 20040625; NZ 54389604 A 20040625; PL 04738034 T 20040625; PT 04738034 T 20040625; SI 200430483 T 20040625; US 56318405 A 20051230