

Title (en)
ELEVATOR APPARATUS

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
APPAREIL ASCENSEUR

Publication
EP 2107029 A1 20091007 (EN)

Application
EP 07707216 A 20070123

Priority
JP 2007050953 W 20070123

Abstract (en)
In an elevator apparatus, a safety monitoring section detects an abnormal state relating to an operation based on signals from a plurality of sensors for detecting states of a plurality of elevator equipments. Upon detection of the abnormal state, the safety monitoring section causes a plurality of types of braking devices to selectively perform a braking operation according to the type of abnormal state to reduce the speed of the car to stop the car.

IPC 8 full level
B66B 1/32 (2006.01); **B66B 5/02** (2006.01); **B66B 5/04** (2006.01); **B66B 5/18** (2006.01)

CPC (source: EP KR)
B66B 1/32 (2013.01 - EP KR); **B66B 5/02** (2013.01 - EP KR); **B66B 5/027** (2013.01 - EP); **B66B 5/044** (2013.01 - EP); **B66B 5/18** (2013.01 - EP)

Cited by
CN104340801A; EP3693310A1; EP4219368A1; US11866295B2; US9988240B2; US9975733B2; US10214381B2; US10745239B2; US11897725B2; WO2016020204A1; WO2016122920A1

Designated contracting state (EPC)
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EP 2107029 A1 20091007; EP 2107029 A4 20130731; CN 101588979 A 20091125; JP 5191907 B2 20130508; JP WO2008090601 A1 20100513; KR 101181205 B1 20120918; KR 20090094847 A 20090908; WO 2008090601 A1 20080731

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