

Title (en)
A safety controller for a hoisting machine

Title (de)
Sicherheitssteuerung für eine Aufzugmaschine

Title (fr)
Contrôleur de sécurité pour machine de levage

Publication
EP 2813459 A1 20141217 (EN)

Application
EP 13172026 A 20130614

Priority
EP 13172026 A 20130614

Abstract (en)
The invention relates to a safety apparatus for an elevator. The safety apparatus comprises a message bus, sensor interfaces for elevator related sensors and at least one processor connected to the first message bus. The at least one processor is configured to receive sensor signals from the sensor interface and to determine a safe direction state based on the sensor signal, the safe direction state indicating which directions are safe for moving an elevator car of the elevator, to transmit a downward direction power supply control signal in response to the safe direction state indicating that downward direction is safe, to transmit an upward direction power supply control signal in response to the safe direction state indicating that upward direction is safe. At least one power supply control element is configured to control the state of at least two power supply connections based on the downward direction power supply control signal and the upward direction power supply control signal.

IPC 8 full level
B66B 5/00 (2006.01)

CPC (source: EP)
B66B 5/0031 (2013.01)

Citation (search report)
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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 2813459 A1 20141217

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EP 13172026 A 20130614