

Title (en)

Safety chain for elevator plant

Title (de)

Sicherheitskreis für eine Aufzugsanlage

Title (fr)

Chaîne de sécurité pour installation d'ascenseur

Publication

**EP 1090870 B1 20070704 (DE)**

Application

**EP 00121084 A 20000928**

Priority

- EP 00121084 A 20000928
- EP 99810919 A 19991008

Abstract (en)

[origin: EP1090870A1] The circuit includes a series circuit of switches for monitoring the safety of devices responsible for lift operation. A voltage source supplies the series circuit. A safety relay (4) is connected to the end of the series circuit, which generates signals for lift control based on the switching state of the switches. A control circuit (10,14) is provided, which maintains the voltage across the safety relay constant. The voltage across the safety relay may be connected to a network (14) whose output is connected to the input of a voltage converter (10) acting as a regulator and supply for the series circuit.

IPC 8 full level

**B66B 5/00** (2006.01); **B66B 13/22** (2006.01)

CPC (source: EP)

**B66B 5/0031** (2013.01); **B66B 13/22** (2013.01)

Cited by

DE102009037347A1; CN108367889A; AU2016369356B2; WO2017167758A1; US8413765B2; WO2017103039A1; WO2010060950A1; US8552738B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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