

Title (en)
ELECTRONIC SAFETY ELEVATOR

Title (de)
ELEKTRONISCHER SICHERHEITSAUFZUG

Title (fr)
ASCENSEUR À SÉCURITÉ ÉLECTRONIQUE

Publication
EP 2578526 B1 20210908 (EN)

Application
EP 10852084 A 20100526

Priority
JP 2010003505 W 20100526

Abstract (en)
[origin: EP2578526A1] More-highly functional safety is achieved, and the number of mechanical safety switches is reduced. Thus the number of subjects of maintenance and inspection is decreased, and reliability is increased. Disclosed is an electric safety elevator wherein detection is made of the position of a cage (20) which moves among a plurality of floors in a hoistway. The electric safety elevator is provided with a pulse generator (8) which outputs pulses according to the movement amounts of the cage (20); a position detection device (27) which detects that the cage (20) has reached a predetermined position; and a safety controller (2) which counts the number of pulses after the predetermined position is detected, and which, when the counted value becomes equal to a value stored in advance, outputs instructions that correspond to the stored value.

IPC 8 full level
B66B 5/10 (2006.01); **B66B 1/34** (2006.01); **B66B 5/06** (2006.01)

CPC (source: EP)
B66B 1/3492 (2013.01)

Cited by
WO2021140088A1; EP3293134A1; EP3848317A1; CN114929609A; US10494228B2; US10766740B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 10852084 A 20100526; CN 201080066528 A 20100526; HK 13101581 A 20130205; JP 2010003505 W 20100526; JP 2012516986 A 20100526; SG 2012085528 A 20100526