

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)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2578526 A1 20130410; EP 2578526 A4 20160803; EP 2578526 B1 20210908**; CN 102869594 A 20130109; CN 102869594 B 20151125; HK 1174603 A1 20130614; JP 5516727 B2 20140611; JP WO2011148411 A1 20130722; SG 185682 A1 20130130; WO 2011148411 A1 20111201

DOCDB simple family (application)  
**EP 10852084 A 20100526**; CN 201080066528 A 20100526; HK 13101581 A 20130205; JP 2010003505 W 20100526; JP 2012516986 A 20100526; SG 2012085528 A 20100526