

Title (en)  
ELEVATOR APPARATUS

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
APPAREIL ASCENSEUR

Publication  
**EP 1792864 B1 20171025 (EN)**

Application  
**EP 04788085 A 20040924**

Priority  
JP 2004013926 W 20040924

Abstract (en)  
[origin: EP1792864A1] In an elevator apparatus, an electronic safety apparatus detects abnormality of an elevator based on a detection signal from a sensor and outputs an instruction signal for shifting the elevator to a safe state. The electronic safety apparatus can detect abnormality of the electronic safety apparatus itself. When abnormality of the electronic safety apparatus itself is detected, the electronic safety apparatus also outputs the instruction signal for shifting the elevator to the safe state.

IPC 8 full level  
**B66B 5/00** (2006.01); **B66B 1/28** (2006.01); **B66B 3/00** (2006.01); **B66B 5/02** (2006.01); **B66B 5/06** (2006.01)

CPC (source: EP)  
**B66B 1/3492** (2013.01); **B66B 5/02** (2013.01); **B66B 5/06** (2013.01)

Citation (opposition)  
Opponent : Kone Corporation  
• WO 0051929 A1 20000908 - OTIS ELEVATOR CO [US]  
• CA 2052926 A1 19920410 - SIEMENS AG [DE]

Cited by  
US12012307B2; US10221040B2; US11535487B2; WO2018033902A1

Designated contracting state (EPC)  
DE ES FR NL PT

DOCDB simple family (publication)  
**EP 1792864 A1 20070606; EP 1792864 A4 20120404; EP 1792864 B1 20171025**; CN 101027238 A 20070829; CN 101027238 B 20130102; JP 5350590 B2 20131127; JP WO2006033153 A1 20080515; WO 2006033153 A1 20060330

DOCDB simple family (application)  
**EP 04788085 A 20040924**; CN 200480044057 A 20040924; JP 2004013926 W 20040924; JP 2006536285 A 20040924