

Title (en)
Safety monitoring for elevator cab

Title (de)
Sicherheitsüberwachungseinrichtung für eine Aufzugskabine

Title (fr)
Dispositif de surveillance de sécurité d'une cabine d'ascenseur

Publication
EP 1577249 B1 20200513 (DE)

Application
EP 05002269 A 20050203

Priority
DE 102004009250 A 20040220

Abstract (en)
[origin: EP1577249A2] Safety monitoring device (8) comprises microprocessors (13a, 13b) for determining the speed of an elevator cabin and comparing with a predetermined movement profile. A triggering signal is produced when a predetermined theoretical speed value is exceeded. Preferred Features: The acceleration and/or the deviation of the acceleration of the movement of the cabin is determined by the microprocessors and compared with a predetermined movement profile. The microprocessors are synchronized using data comparison.

IPC 8 full level
B66B 1/48 (2006.01); **B66B 5/06** (2006.01)

CPC (source: EP US)
B66B 5/06 (2013.01 - EP US)

Cited by
EP3892579A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1577249 A2 20050921; EP 1577249 A3 20080528; EP 1577249 B1 20200513; BR PI0500593 A 20051004; CA 2491806 A1 20050820; CA 2491806 C 20110531; CN 100581972 C 20100120; CN 1657390 A 20050824; DE 102004009250 A1 20050908; JP 2005231897 A 20050902; US 2005230191 A1 20051020; US 7438158 B2 20081021

DOCDB simple family (application)
EP 05002269 A 20050203; BR PI0500593 A 20050218; CA 2491806 A 20050110; CN 200510008023 A 20050207; DE 102004009250 A 20040220; JP 2005022952 A 20050131; US 4593905 A 20050127