

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