

Title (en)

SAFETY DEVICE FOR WORK ON ELEVATOR CAGE

Title (de)

SCHUTZGERAET, UM AUF EINER AUFZUGSKABINE ZU ARBEITEN

Title (fr)

DISPOSITIF DE SECURITE POUR TRAVAILLER SUR UNE CAGE D'ASCENSEUR

Publication

**EP 1167268 B1 20051207 (EN)**

Application

**EP 00902881 A 20000209**

Priority

JP 0000717 W 20000209

Abstract (en)

[origin: EP1167268A1] In a safety device for working on top of an elevator car, a detection plate which is capable of moving upwardly by being pushed from a lower position is suspended in a hoistway. The detection plate is disposed between the driving machine and the car to allow maintenance operations from the top of the car. A buffer is attached to the bottom surface of the detection plate. A plurality of detecting switches detect the upward movement of the detection plate. When at least one of the detecting switches is operated by the upward movement of the detection plate, the raising of the car is stopped by a stop circuit. <IMAGE>

IPC 1-7

**B66B 5/00**

IPC 8 full level

**B66B 5/00** (2006.01)

CPC (source: EP)

**B66B 5/005** (2013.01); **B66B 5/0081** (2013.01)

Cited by

US2020277163A1; EP3357853A1; US7523809B2; US8061486B2; WO2006067542A1; WO2011030325A1; US8770349B2; US11465880B2

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**EP 1167268 A1 20020102; EP 1167268 A4 20030129; EP 1167268 B1 20051207**; DE 60024603 D1 20060112; DE 60024603 T2 20060803; DE 60038579 D1 20080521; DE 60038579 T2 20090514; EP 1524232 A2 20050420; EP 1524232 A3 20050518; EP 1524232 B1 20080409; JP 4397559 B2 20100113; NO 20014318 D0 20010905; NO 20014318 L 20011009; WO 0158796 A1 20010816

DOCDB simple family (application)

**EP 00902881 A 20000209**; DE 60024603 T 20000209; DE 60038579 T 20000209; EP 04027990 A 20000209; JP 0000717 W 20000209; JP 2001549271 A 20000209; NO 20014318 A 20010905