

Title (en)  
ELEVATOR APPARATUS

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
ASCENSEUR

Publication  
**EP 2233423 A4 20140430 (EN)**

Application  
**EP 08710581 A 20080125**

Priority  
JP 2008051080 W 20080125

Abstract (en)  
[origin: EP2233423A1] A car position detecting apparatus that has a position switch that can detect a detected body that is disposed on a car is disposed inside a hoistway. The car position detecting apparatus detects the presence or absence of the car in a predetermined region by presence or absence of detection of the detected body by the position switch. A sheave interlocking device has a displacing body that can be displaced in response to a rotational speed of a speed governor sheave that is rotated together with movement of the car. An overspeed detecting switch that can detect the displacing body is displaceable between a first detecting position at which the displacing body is detected when a speed value of the car is a predetermined first reference value, and a second detecting position at which the displacing body is detected when the speed value of the car is a second reference value that is higher than the first reference value. The overspeed detecting switch is displaced to the first detecting position by an electromagnetic displacing apparatus when the car is in the predetermined region, and is displaced to the second detecting position when the car is outside the predetermined region.

IPC 8 full level  
**B66B 5/06** (2006.01); **B66B 5/04** (2006.01)

CPC (source: EP)  
**B66B 5/04** (2013.01); **B66B 5/06** (2013.01); **B66B 5/18** (2013.01)

Citation (search report)  
• [A] US 6360847 B1 20020326 - OKADA MINEO [JP], et al  
• [AD] JP 2003104646 A 20030409 - MITSUBISHI ELECTRIC CORP  
• [A] EP 1739046 A1 20070103 - MITSUBISHI ELECTRIC CORP [JP]  
• See references of WO 2009093330A1

Cited by  
CN102367124A; WO2015078859A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2233423 A1 20100929**; **EP 2233423 A4 20140430**; CN 101878175 A 20101103; CN 101878175 B 20120926; JP 5264786 B2 20130814; JP WO2009093330 A1 20110526; KR 101044830 B1 20110628; KR 20100061744 A 20100608; WO 2009093330 A1 20090730

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**EP 08710581 A 20080125**; CN 200880118327 A 20080125; JP 2008051080 W 20080125; JP 2009550408 A 20080125; KR 20107008809 A 20080125