

Title (en)  
SAFETY DEVICE OF ELEVATOR

Title (de)  
AUFZUGSSICHERHEITSEINRICHTUNG

Title (fr)  
DISPOSITIF DE SECURITE POUR ASCENSEUR

Publication  
**EP 1086921 A1 20010328 (EN)**

Application  
**EP 99909205 A 19990317**

Priority  
JP 9901325 W 19990317

Abstract (en)  
A car side speed governor for detecting overspeed of a car and a counterweight side speed governor for detecting overspeed of a counterweight are disposed in a machine room. A counterweight side speed governor rope is wound around the counterweight side speed governor. Both end portions of the counterweight side speed governor rope are connected to the counterweight so that the counterweight side speed governor rope is circulated in accordance with the up-and-down movement of the counterweight. When the lowering speed of the counterweight exceeds a preset value, the counterweight side speed governor rope is braked by the counterweight side speed governor to decelerate the counterweight. <IMAGE>

IPC 1-7  
**B66B 5/04; B66B 5/28**

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

CPC (source: EP)  
**B66B 5/044** (2013.01)

Cited by  
US9033111B2; EP1454867A4; WO03055780A1

Designated contracting state (EPC)  
DE FR GB NL

DOCDB simple family (publication)  
**WO 0055085 A1 20000921**; DE 69929515 D1 20060406; DE 69929515 T2 20060921; EP 1086921 A1 20010328; EP 1086921 A4 20021106; EP 1086921 B1 20060118

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