

Title (en)
SAFETY DEVICE OF ELEVATOR

Title (de)
AUFZUGSSICHERHEITSEINRICHTUNG

Title (fr)
DISPOSITIF DE SECURITE POUR ASCENSEUR

Publication
EP 1086921 B1 20060118 (EN)

Application
EP 99909205 A 19990317

Priority
JP 9901325 W 19990317

Abstract (en)
[origin: WO0055085A1] A safety device of an elevator having a machine room (2), comprising a car side governor (8) for detecting the over-speed of a car (6) and a weight side governor (21) for detecting the over-speed of a balance weight (7), a weight side governor rope (22) being wound on the weight side governor (21), and both end parts of the weight side governor rope (22) being connected to the balance weight (7), whereby the weight side governor rope (22) is circulated according to rising and lowering of the balance weight (7) and, when the lowering speed of the balance weight (7) exceeds a set value, the weight side governor rope (22) is braked by the weight side governor (21) so as to decelerate the balance weight (7).

IPC 8 full level
B66B 5/04 (2006.01); **B66B 5/28** (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

DOCDB simple family (application)
JP 9901325 W 19990317; DE 69929515 T 19990317; EP 99909205 A 19990317