

Title (en)  
ELEVATOR SAFETY DEVICE

Title (de)  
SICHERHEITSVORRICHTUNG FÜR EINEN AUFZUG

Title (fr)  
DISPOSITIF DE SÉCURITÉ D'ASCENSEUR

Publication  
**EP 3153446 A1 20170412 (EN)**

Application  
**EP 15189115 A 20151009**

Priority  
EP 15189115 A 20151009

Abstract (en)  
The invention concerns an elevator safety device 10 for implementing a safety space 12 in an elevator shaft 14 having a movable car in the elevator shaft, the elevator safety device 10 comprising a car safety brake device 16 adapted to stop a car in the elevator shaft 14, a speed limiter 18 adapted to actuate the car safety brake device 16 by using a speed limiter revolution element being spanned by pulleys around which it recirculates, at least one abutment element 22 fastened to the speed limiter element, and an actuating unit comprising at least one stopping device 24 which is switchable between an opened position, to allow a movement of the speed limiter element and to allow the at least one abutment element 22 to pass the stopping device 24, and a closed position, to block a movement of speed limiter element by cooperation of the stopping device 24 with said abutment element 22, wherein the speed limiter revolution element is a belt 20 having a substantially rectangular cross section.

IPC 8 full level  
**B66B 5/00** (2006.01)

CPC (source: EP)  
**B66B 5/0068** (2013.01)

Citation (applicant)  
US 7278517 B2 20071009 - GUT HUBERT [CH]

Citation (search report)  
• [AD] US 7278517 B2 20071009 - GUT HUBERT [CH]  
• [A] WO 2006035264 A1 20060406 - OTIS ELEVATOR CO [US], et al  
• [A] EP 1748104 A1 20070131 - ORONA S COOP [ES]

Cited by  
US2020223663A1; WO2019135018A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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