

Title (en)

OVERSPEED DETECTION AND GUIDING DEVICES FOR ELEVATOR SYSTEMS

Title (de)

ÜBERDREHZÄHLERFASSUNGS- UND FÜHRUNGSEINRICHTUNGEN FÜR AUFZUGSANLAGEN

Title (fr)

DISPOSITIFS DE DÉTECTION DE SURVITESSE ET DE GUIDAGE POUR SYSTÈMES D'ASCENSEUR

Publication

EP 3553011 A1 20191016 (EN)

Application

EP 18305463 A 20180413

Priority

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Abstract (en)

Overspeed detection systems for elevators are provided. The overspeed detection systems include a roller guide frame including a mounting base, a first roller supported on the mounting base, the first roller having a first roller wheel configured to engage with and rotate along a guide rail when installed in an elevator system, a first overspeed device arranged within the first roller wheel, the first overspeed device having a detectable element, and a detector defining a detection zone and arranged to detect the detectable element within the detection zone when the first roller wheel rotates at or above a threshold rotational speed.

IPC 8 full level

B66B 5/04 (2006.01)

CPC (source: EP)

B66B 5/044 (2013.01)

Citation (search report)

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Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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