

Title (en)

An elevator system and a method for controlling elevator safety

Title (de)

Aufzugsanlage und Verfahren zur Steuerung der Aufzugsicherheit

Title (fr)

Système d'ascenseur et procédé de commande de sécurité d'ascenseur

Publication

**EP 2998259 A1 20160323 (EN)**

Application

**EP 14185329 A 20140918**

Priority

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Abstract (en)

The invention is related to an elevator system and to a method of supervising elevator safety. The elevator system comprises an elevator car (1), a drive unit (2, 6) configured to drive the elevator car (1), a first measuring device (3) for measuring elevator load weight (4), a second measuring device (3', 3'') for measuring elevator load weight (4), the second measuring device (3', 3'') being independent from the first measuring device (3) and a safety control unit (5) associated with the drive unit (2, 6). The safety control unit (5) comprises an input channel (8A) for receiving a first elevator load weight information (10) from the first measuring device (3), an input channel (8B) for receiving a second elevator load weight information (10') from the second measuring device (3', 3'') and a comparator (9) configured to compare the first elevator load weight information (10) with the second elevator load weight information (10') and to output a comparison result (12). The safety control unit (5) is configured to selectively allow or block elevator operation based on the comparison result (12).

IPC 8 full level

**B66B 5/02** (2006.01)

CPC (source: EP)

**B66B 5/02** (2013.01); **B66B 5/145** (2013.01)

Citation (search report)

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