

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

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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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