

Title (en)
An elevator guide rail arrangement and a bracket

Title (de)
Aufzugsführungsschienenanordnung und Stütze

Title (fr)
Dispositif de rails de guidage d'ascenseur et support

Publication
EP 2749518 B1 20160323 (EN)

Application
EP 12199450 A 20121227

Priority
EP 12199450 A 20121227

Abstract (en)
[origin: EP2749518A1] The invention relates to an elevator guide rail arrangement having a vertical guide rail line (1) for guiding a vertically movable elevator unit (2) in a hoistway (H), the guide rail line (1) having one or more vertically oriented guide rail sections (3) mounted to take support at least in transverse direction from a vertical mounting base (4) with at least one bracket (5), the bracket (5) comprising a first fixing element fixed to the mounting base (4) and a second fixing element against which the guide rail section (3) is supported, said fixing elements being fixed to each other. The first fixing element comprises a vertically planar first plate portion with a vertically planar back face fixed against a vertically planar section of the mounting base (4), and a second plate portion forming a lateral edge of the first fixing element and protruding from the first plate portion towards the front side of the first plate portion, and the second fixing element comprises a vertically planar third plate portion parallel with and in front of the first plate portion, the third plate portion having a front face against which the vertically oriented guide rail section is supported. The second fixing element is fixed to the second plate portion of the first fixing element.

IPC 8 full level
B66B 7/02 (2006.01)

CPC (source: EP)
B66B 7/024 (2013.01)

Citation (examination)
EP 2812274 A1 20141217 - KONE CORP [FI]

Citation (opposition)
Opponent : Thyssen Krupp
• EP 0985624 A2 20000315 - TOSHIBA KK [JP]
• US 6196356 B1 20010306 - SNEED TERRYLE L [US]

Cited by
WO2021245062A1; EP4161856B1; CN109592537A; JP6526347B1; CN113165840A; US11014782B2; WO2016118722A1; WO2019069452A1; WO2017001332A1; US11993490B2

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