

Title (en)
Linear motor driven elevator and its guide rail.

Title (de)
Mittels Linearmotor angetriebener Aufzug und dessen Führungsschiene.

Title (fr)
Ascenseur actionné par un moteur électrique linéaire et le rail-guide de cet ascenseur.

Publication
EP 0626335 A1 19941130 (EN)

Application
EP 94108142 A 19940526

Priority
FI 932415 A 19930526

Abstract (en)
The guide rail of an elevator driven by a linear motor also constitutes the secondary circuit of the linear motor. The guide rail of the elevator car or counterweight is made of a conducting metal and extends substantially through the whole length of the shaft. The guide rail (22) is provided with reinforcements (23), which can be connected together by means of fasteners (26) going through the rail. The reinforcements receive the thrust of the guides (30) of the car or counterweight. Alternatively, the guide rail is coated e.g. with teflon, in which case the coated portion receives the thrust of the sliding guides. <IMAGE>

IPC 1-7
B66B 7/02; **B66B 11/04**

IPC 8 full level
B60L 13/03 (2006.01); **B66B 7/02** (2006.01); **B66B 9/02** (2006.01); **B66B 11/00** (2006.01); **B66B 11/04** (2006.01); **E01B 5/02** (2006.01); **H02K 41/02** (2006.01); **H02K 41/025** (2006.01)

CPC (source: EP)
B66B 7/022 (2013.01); **B66B 11/0407** (2013.01)

Citation (search report)
• [DA] US 5062501 A 19911105 - PAVOZ MARCEL [FR], et al
• [A] US 4832210 A 19890523 - WOOD II DONALD M [US]

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CN108483190A; CN102153008A; WO2004098031A1; WO2016123440A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0626335 A1 19941130; **EP 0626335 B1 19980826**; AT E170159 T1 19980915; DE 69412702 D1 19981001; DE 69412702 T2 19990107; ES 2121115 T3 19981116; FI 92572 B 19940831; FI 92572 C 19941212; FI 932415 A0 19930526; JP 2907722 B2 19990621; JP H0753165 A 19950228

DOCDB simple family (application)
EP 94108142 A 19940526; AT 94108142 T 19940526; DE 69412702 T 19940526; ES 94108142 T 19940526; FI 932415 A 19930526; JP 13389994 A 19940525