

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

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