

Title (en)

Elevator system with synchronous linear drive in the counterweight.

Title (de)

Aufzugssystem mit Synchron-Linearantrieb im Gegengewicht.

Title (fr)

Système d'ascenseur avec entraînement linéaire synchrone dans le contre-poids.

Publication

**EP 0667313 A3 19960221 (DE)**

Application

**EP 94118559 A 19941125**

Priority

DE 9402427 U 19940215

Abstract (en)

[origin: EP0667313A2] The reaction part formed as a magnet strip is fixed to the shaft wall of the lift. The linear motor is formed as a synchronous motor and the lift cage (3) is eccentrically fixed to the support rope (4). The magnet strip (15) formed from permanent magnets is fixed to the cross binders (8) of a guide device (6). The guide device is formed as a closed support frame (7,8,10,16), fixed to the shaft wall (2). The support frame together with the guide rails (7), the cross binders (8), the magnet strip (15) and the counterweight (5) forms a unified and closed structural component.

IPC 1-7

**B66B 11/04**

IPC 8 full level

**B66B 9/02** (2006.01); **B66B 7/02** (2006.01); **B66B 11/04** (2006.01)

CPC (source: EP)

**B66B 7/021** (2013.01); **B66B 11/0407** (2013.01)

Citation (search report)

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- [Y] EP 0400994 A1 19901205 - OTIS ELEVATOR CO [US]
- [A] DE 1506479 A1 19691218 - MANGELSDORFF HANS

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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL

DOCDB simple family (publication)

**EP 0667313 A2 19950816; EP 0667313 A3 19960221; EP 0667313 B1 19990519**; AT E180238 T1 19990615; DE 59408285 D1 19990624; DE 9402427 U1 19940609; DK 0667313 T3 19991108; ES 2134309 T3 19991001; JP 2608390 B2 19970507; JP H07257858 A 19951009

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