

Title (en)
Elevator with an all optical control apparatus

Title (de)
Aufzug mit optischer Steuervorrichtung

Title (fr)
Ascenseur avec système de contrôle optique

Publication
EP 1541515 A3 20091028 (EN)

Application
EP 04106293 A 20041203

Priority
• EP 04106293 A 20041203
• EP 03405876 A 20031208

Abstract (en)
[origin: EP1541515A2] Elevator with an all optical control apparatus (10) comprising a control unit (11) with a light source (16), a photodetector (15), an optical feeding fiber (13), and an optical feedback fiber (14). The light source (16) is coupled to the optical feeding fiber (13) and the optical feedback fiber (14) is coupled to the photodetector (15). The all optical control apparatus (10) further comprises a member (12) that can be manually actuated. The member (12) comprises a fiber input (12.1) and a fiber output (12.2), said fiber input (12.1) being optically coupled to said optical feeding fiber (13) and said fiber output (12.2) being optically coupled to said optical feedback fiber (14). The member (12), when actuated, influences a light path (12.3) between said fiber input (12.1) and said fiber output (12.2) in a manner that is detectable at the photodetector (15).

IPC 8 full level
B66B 3/00 (2006.01); **B66B 1/06** (2006.01)

CPC (source: EP)
B66B 1/06 (2013.01)

Citation (search report)
• [X] FR 2775272 A1 19990827 - OTIS ELEVATOR CO [US]
• [X] US 5950767 A 19990914 - KAMANI SANJAY [US]
• [A] US 4623869 A 19861118 - MARUBASHI AKIRA [JP]
• [A] US 5509505 A 19960423 - STEGER RUDOLPH [US], et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 11 29 November 1996 (1996-11-29)
• [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 04 2 April 2003 (2003-04-02)

Designated contracting state (EPC)
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