

Title (en)

Elevator electroluminescent (EL) display system.

Title (de)

Elektrolumineszenzanzeigesystem eines Aufzugs.

Title (fr)

Système d'affichage électroluminescent (EL) d'un ascenseur.

Publication

EP 0403232 A2 19901219 (EN)

Application

EP 90306403 A 19900612

Priority

US 36528389 A 19890612

Abstract (en)

An elevator information display system including an electroluminescent (EL) screen displaying elevator and building related information (Figs. 1-5), one in each car and one in the lobby for each car (Fig. 7). An additional remote screen, which displays the same information as the primary screen, can be mounted some distance away from the primary screen. The ELD is controlled from two sources. The elevator management/monitoring system (EMS), if it exists in the elevator system, communicates commands and data to the ELD via an appropriate communications link, and for the most part these commands cause the ELD to store and display the building related information. The ELD also receives serial display information (discrete and data) from the remote station link (RSL). This path provides the information required for the ELD to display the elevator related information. The basic display elements or components of the ELD system include - an ELD glass (screen), an ELD interface printed circuit board (PCB) mounted behind the glass, an ELD remote station interface PCB (directly connected to the ELD interface PCB), all mounted together in a common package frame (Fig. 15); and an associated ELD power supply assembly. The ELD receives commands and data from the EMS, which cause it to display specific information or to receive downloaded data required for later display commands. The EL display screen displays elevator related information in the upper portion of the screen and separate, business related information in the lower portion, divided by a horizontal line displayed on the EL display screen.

IPC 1-7

B66B 3/00

IPC 8 full level

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CPC (source: EP)

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Cited by

US10606482B2; GB2315567B; EP0540984A3; CN113955599A; US5606154A; CN100436297C; EP1431869A3; SG131884A1; CN1317175C; CN1084704C; CN110329855A; US6845850B1; NL1016570C2; CN104444665A; EP0524428A1; US5379865A; US5565661A; EP1245520A1; SG107578A1; AU781605B2; US6073727A; US6065570A; US11661310B2; US10155639B2; US10029884B2; US10497164B2; WO9840816A1; WO9737922A1; WO03097505A1; WO2016207478A1; US10120607B2; US10124989B2; US6622826B2; EP1431869A2; US6981576B2; US7270219B2; US10133636B2; US10572186B2; US10061514B2; US10346047B2; US10725853B2; US6598711B2; US6543582B2; US6962240B2; US7156211B2; US9896305B2; US10789137B2

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