

Title (en)
DESTINATION FLOOR REGISTRATION DEVICE

Title (de)
GERÄT ZUR REGISTRIERUNG EINES ZIELPUNKTES

Title (fr)
DISPOSITIF D'ENREGISTREMENT DE L'ETAGE DEMANDE

Publication
EP 1870367 A4 20130109 (EN)

Application
EP 06729074 A 20060314

Priority
• JP 2006305040 W 20060314
• JP 2005113363 A 20050411

Abstract (en)
[origin: EP1870367A1] There are provided an operating unit 5 having a button function for registering a destination floor for an elevator, a display unit 5 combined with the operating unit and capable of displaying a two-dimensional code 51c in which information is encoded, a display control section 8 which controls display on the display unit, and a data storage section 9 in which information for display on the display unit is stored. The display unit 5 is constituted by a touch-panel-type display device 6. The touch-panel-type display device 6 also functions as the operating unit having the button function. The touch-panel-type display device 6 displays destination buttons 51 which are displayed in order of floors, and on each of which an alphanumeric character 51a indicating a name of the corresponding one of the floors, unique character information 51b about the floor and a two-dimensional code 51c in which service information corresponding to the floor is encoded are horizontally arranged in correspondence with the floor.

IPC 8 full level
B66B 3/00 (2006.01); **B66B 1/14** (2006.01); **B66B 1/46** (2006.01)

CPC (source: EP KR)
B66B 1/14 (2013.01 - KR); **B66B 1/468** (2013.01 - EP); **B66B 3/00** (2013.01 - KR); **B66B 3/008** (2013.01 - EP); **B66B 2201/4615** (2013.01 - EP); **B66B 2201/463** (2013.01 - EP)

Citation (search report)
• [Y] EP 1291311 A1 20030312 - MITSUBISHI ELECTRIC CORP [JP]
• [Y] US 5726435 A 19980310 - HARA MASAHIRO [JP], et al
• [Y] JP 2001265800 A 20010928 - LAUREL INTELLIGENT SYSTEMS CO, et al & DATABASE WPI Week 200206, Derwent World Patents Index; AN 2002-044816
• See references of WO 2006109385A1

Cited by
CN105540368A; CN107735348A; EP3483104A1; AU2016290578B2; CN109867179A; US10427910B2; US11661310B2; US11332340B2; WO2016042200A1; WO2017005828A1; WO2016207478A1; US11192749B2; US11247869B2; WO2022253510A1

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