

Title (en)
Elevator door safety device

Title (de)
Aufzugstürensicherheitseinrichtung

Title (fr)
Dispositif de sécurité pour porte d'ascenseur

Publication
EP 1418149 B1 20110706 (EN)

Application
EP 02024854 A 20021108

Priority
EP 02024854 A 20021108

Abstract (en)
[origin: EP1418149A1] A lift with a communication device between the cabin doors and the floor doors (1) comprising a cabin (2), provided with cabin doors (3) running inside a special lift-shaft (4), provided with floor doors (5) on each floor (6) reached and a control board wherein the cabin doors (3) and the floor doors (5) are provided with operators comprising at least an electronic control device (7) provided at least with one communication device (8,9) and they are severally provided with at least one engine, preferably an electric engine, operated by said electronic control device (7). <??>The communication device (8) associated to the cabin doors (3) sends the information coming from the control board to the floor doors (5) so that their opening or closing is synchronized in a way which is not conditioned by the alignment accuracy between the cabin doors (3) and the floor doors (5) for their running without the need of mechanical couplings. <IMAGE>

IPC 8 full level
B66B 13/22 (2006.01)

CPC (source: EP)
B66B 13/22 (2013.01)

Cited by
EP2298684A3; DE102017219403A1; CN111315677A; EP3398899A1; DE102019211978A1; CN112723081A; US11339028B2; US8447433B2; WO2019081639A1; WO2022228959A1

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EP 1418149 A1 20040512; EP 1418149 B1 20110706; AT E515473 T1 20110715

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