

Title (en)

Safety device for a lift facility and a lift facility with such a safety device

Title (de)

Sicherheitseinrichtung für eine Aufzugsanlage

Title (fr)

Dispositif de sécurité pour installation d'élévation et installation d'élévation dotée d'un tel dispositif de sécurité

Publication

EP 1894875 B1 20090826 (DE)

Application

EP 07115231 A 20070829

Priority

- EP 06119935 A 20060831
- EP 07115231 A 20070829

Abstract (en)

[origin: EP1894875A1] The device has an upper lift car (A1) and a lower lift car (A2) independently movable along a vertical direction in a common lift shaft (11) of a multi-mobile lift installation (10). A detector (22) of an electro-optical detection system is provided with a photo-sensitive sensor region in an upper region of the lower lift car. A light source of the detection system provides bundled light rays (L1) in an angle based on a vertical direction. The angle is provided in such a manner that the light rays meets the sensor region and are detected by the detector during an approximation of the cars.

IPC 8 full level

B66B 1/14 (2006.01); **B66B 1/34** (2006.01)

CPC (source: EP)

B66B 1/3492 (2013.01); **B66B 5/0031** (2013.01)

Cited by

CN106629315A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1894875 A1 20080305; EP 1894875 B1 20090826

DOCDB simple family (application)

EP 07115231 A 20070829