

Title (en)  
UNLOCKING DEVICE OF ELEVATOR LANDING DOOR AND METHOD OF MODIFYING THE DEVICE

Title (de)  
ENTRIEGELUNGSVORRICHTUNG FÜR AUFZUGSSTOCKWERKTÜR UND VERFAHREN ZUR MODIFIZIERUNG DER VORRICHTUNG

Title (fr)  
DISPOSITIF DE DEVERROUILLAGE D'UNE PORTE DE PALIER D'ASCENSEUR ET PROCEDE DE MODIFICATION DE CE DISPOSITIF

Publication  
**EP 1728754 B1 20130703 (EN)**

Application  
**EP 04722679 A 20040323**

Priority  
JP 2004003920 W 20040323

Abstract (en)  
[origin: EP1728754A1] Provided is an unlocking apparatus of elevator hall door, which is used in modifying an unlocking apparatus of elevator hall door of such a construction that, with an unlocking keyhole mouthpiece 3 having a keyhole into which a key removing rod is inserted being fixed to a back side of the elevator hall door 1, an unlocking lever 2 is pushed up by vertically operating the key removing rod, thereby to unlock a locking device 4 of the hall door into an unlocking apparatus in which unlocking is performed by turning a triangular key instead of the vertical operation of the key removing rod. This unlocking apparatus includes a working piece 12 which is provided in the same place as the unlocking keyhole mouthpiece on the back side of the hall door having a keyhole into which the key removing rod is inserted, and which has a keyhole mouthpiece 11 into which a triangular key is inserted, a working lever 13 which is fixed to this working piece and on the working end side of which a working pin 14 is provided, and a trigger 15 which is provided between the working pin of this working lever and a connecting member 10 of the lock device of the hall door and connects the two together. The unlocking lever 2 is not used.

IPC 8 full level  
**B66B 13/16** (2006.01); **E05B 65/00** (2006.01)

CPC (source: EP)  
**B66B 13/16** (2013.01); **E05B 35/008** (2013.01); **E05B 63/0065** (2013.01)

Cited by  
US11542119B2; US10676321B2; US11124385B2; US11136217B2

Designated contracting state (EPC)  
DE FR

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**EP 1728754 A1 20061206; EP 1728754 A4 20110720; EP 1728754 B1 20130703**; CN 100522787 C 20090805; CN 1774386 A 20060517; JP 4294054 B2 20090708; JP WO2005090218 A1 20070830; WO 2005090218 A1 20050929

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