

Title (en)  
CAR UPPER HANDRAIL DEVICE OF ELEVATOR

Title (de)  
OBERES KABINENGELÄNDER FÜR AUFZUG

Title (fr)  
DISPOSITIF RAMPE SUPERIEURE DE CABINE D'ASCENSEUR

Publication  
**EP 1346942 B1 20080827 (EN)**

Application  
**EP 00985997 A 20001228**

Priority  
JP 0009425 W 20001228

Abstract (en)  
[origin: EP1346942A1] In a car-top handrail unit for an elevator, a pair of fixed handrails is provided upwardly in an upper portion of a car being spaced apart from each other in a width direction of the car. One pair of end portions of the fixed handrails are positioned in the vicinity of the front end portion of the car and the other pair of end portions thereof are positioned in the middle portion in the depth direction of the car. Each of a pair of rotating handrails is rotatable between a closed position, in which they extend along the width direction of the car from the other end portions of the pair of fixed handrails and close the gap between the other end portions, and an open position, in which they extend in the depth direction of the car from the other end portions of the pair of fixed handrails. <IMAGE>

IPC 8 full level  
**B66B 5/00** (2006.01); **B66B 11/02** (2006.01)

CPC (source: EP)  
**B66B 5/0081** (2013.01)

Cited by  
EP1386876A4; NL1030867C2; EP1710191A4; WO2018078211A1

Designated contracting state (EPC)  
DE FR NL

DOCDB simple family (publication)  
**EP 1346942 A1 20030924; EP 1346942 A4 20060426; EP 1346942 B1 20080827**; CN 1289377 C 20061213; CN 1437556 A 20030820; DE 60040100 D1 20081009; JP 4694096 B2 20110601; JP WO2002053484 A1 20040430; WO 02053484 A1 20020711

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**EP 00985997 A 20001228**; CN 00819195 A 20001228; DE 60040100 T 20001228; JP 0009425 W 20001228; JP 2002554610 A 20001228