

Title (en)
ELEVATOR CAR

Title (de)
AUFZUGSKABINE

Title (fr)
CABINE D'ASCENSEUR

Publication
EP 3541734 B1 20230322 (DE)

Application
EP 17794349 A 20171109

Priority
• EP 16198987 A 20161115
• EP 2017078772 W 20171109

Abstract (en)
[origin: WO2018091350A1] A lift car (1) comprises a pivotably designed balustrade (4) which is mounted on a roof (2) of the lift car (1) and which can be pivoted between a folded-down position and an erected position. To secure the erected position, the balustrade (4) has a locking mechanism (7) by means of which the balustrade (4) can be locked via a latching connection during a pivoting movement to produce the erected position. The balustrade (4) comprises a two-part post (18) with a lower post part (22) and an upper post part (23) which is pivotably fastened to the lower post part and on which the locking mechanism (7) is arranged. A latching element (8) of the locking mechanism (7) is mounted vertically on the lower post part (22) so as to be displaceable to a limited degree. The locking mechanism (7) further has an actuating element (24) in the form of a foot pedal or handle for unlocking the locking position.

IPC 8 full level
B66B 5/00 (2006.01)

CPC (source: EP US)
B66B 5/0062 (2013.01 - EP US); **B66B 5/0081** (2013.01 - US); **B66B 11/0226** (2013.01 - US)

Citation (opposition)
Opponent : OTIS Elevator Company
• EP 0985628 A2 20000315 - TOSHIBA KK [JP]
• CN 203781584 U 20140820 - SUZHOU FUSHI ELEVATOR CO LTD
• GB 2158038 A 19851106 - AFD ENGINEERING
• JP 2015196572 A 20151109 - HITACHI BUILDING SYS CO LTD
• JP 2009208917 A 20090917 - TOSHIBA ELEVATOR CO LTD
• EP 1925581 A1 20080528 - MITSUBISHI ELECTRIC CORP [JP]
• CN 104354853 A 20150218 - LANDING GEAR ADVANCED MFG CORP
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Designated contracting state (EPC)
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DOCDB simple family (application)
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