

Title (en)
ELEVATOR CAR AND ELEVATOR

Title (de)
AUFZUGSKABINE UND AUFZUG

Title (fr)
CABINE D'ASCENSEUR ET ASCENSEUR

Publication
EP 3115328 A1 20170111 (EN)

Application
EP 16183382 A 20120627

Priority

- FI 20115837 A 20110829
- EP 12828106 A 20120627
- FI 2012050669 W 20120627

Abstract (en)
The invention relates to an elevator car, which comprises a free interior (I) for receiving a load, which interior (I) is bounded by at least the walls, roof, floor and preferably also door arrangement comprised in the elevator car, a frame structure, which frame structure comprises a horizontal elongated rigid roof beam (2) in connection with the roof of the elevator car, which roof beam (2) extends across the roof of the car above the interior (I), and which roof beam (2) is an elongated channel profile member, which has essentially the same continuous cross-sectional profile in the longitudinal direction. The roof beam (2) is a downward-opening, elongated, channel profile member, the width of the cross-sectional profile of which is essentially larger than the height. The interior (T) of the channel profile member (2) can be configured to function as a space for one or more functions of the car affecting the conditions of the interior (I) of the elevator car (1), including lighting and/or ventilation. The invention also relates to an elevator, which comprises an elevator car of the aforementioned type.

IPC 8 full level
B66B 11/02 (2006.01)

CPC (source: EP FI)
B66B 11/0206 (2013.01 - EP FI); **B66B 11/0226** (2013.01 - EP); **B66B 11/0233** (2013.01 - FI); **B66B 11/024** (2013.01 - FI)

Citation (applicant)

- EP 1970341 A1 20080917 - WITTUR HOLDING GMBH [DE]
- WO 9933743 A1 19990708 - KONE CORP [FI], et al

Citation (search report)

- [X] US 2004035647 A1 20040226 - ARAI HIDEKI [JP], et al
- [A] US 2006231350 A1 20061019 - HASHIGUCHI NAOKI [JP]
- [A] EP 1602614 A1 20051207 - MITSUBISHI ELECTRIC CORP [JP]
- [A] CN 201309788 Y 20090916 - NINGBO HONGDA ELEVATOR CO LTD [CN]

Cited by
CN110214123A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2013030434 A1 20130307; EP 2751007 A1 20140709; EP 2751007 A4 20150422; EP 2751007 B1 20160810; EP 3115328 A1 20170111; EP 3115328 B1 20211201; FI 125156 B 20150615; FI 20115837 A0 20110829; FI 20115837 A 20130301

DOCDB simple family (application)
FI 2012050669 W 20120627; EP 12828106 A 20120627; EP 16183382 A 20120627; FI 20115837 A 20110829