

Title (en)
ELEVATOR SYSTEM WITH DERAIL PROTECTION

Title (de)
AUFZUGSSCHIENE

Title (fr)
INSTALLATION D'ASCENSEUR POURVUE DE PROTECTION CONTRE LE DÉRAILLEMENT

Publication
EP 3898483 B1 20230412 (DE)

Application
EP 19821132 A 20191219

Priority
• EP 18214771 A 20181220
• EP 2019086382 W 20191219

Abstract (en)
[origin: WO2020127787A1] Lift rail (2) which serves for guiding cars (3) of a lift system (1). The cars (3) serve, in particular in the form of cabins (4), for transporting people or goods, or as a counterweight (5). The lift rail (2) has more than one guide contour (6). The guide contour (6) is suitable for interacting with a guide shoe (11) such that, in a first horizontal direction (7), a relative horizontal displacement between the guide contour (6) and guide shoe (11) is delimited at least on one side, and that, in a second horizontal direction (8), perpendicular to the first, a relative horizontal displacement between the guide contour (6) and guide shoe (11) is delimited on both sides. The lift rail (2) has a closed-surround cross section. The lift rail (2) has at least three guide contours (6), which are formed on the outer surface of the lift rail (2).

IPC 8 full level
B66B 7/02 (2006.01); **B66B 7/04** (2006.01)

CPC (source: EP US)
B66B 7/022 (2013.01 - EP US); **B66B 7/024** (2013.01 - US); **B66B 9/00** (2013.01 - US)

Cited by
WO2023110417A1

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 2020127787 A1 20200625; AU 2019410394 A1 20210729; AU 2019410394 B2 20230615; BR 112021011302 A2 20210831; CA 3121416 A1 20200625; CN 113242836 A 20210810; CN 113242836 B 20231124; EP 3898483 A1 20211027; EP 3898483 B1 20230412; ES 2944481 T3 20230621; MX 2021007445 A 20210805; SG 11202106078Y A 20210729; US 2023286780 A1 20230914

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