

Title (en)

AUTOMATED MOUNTING DEVICE FOR PERFORMING INSTALLATION OPERATIONS IN A LIFT SHAFT OF A LIFT ASSEMBLY

Title (de)

AUTOMATISIERTE MONTAGEVORRICHTUNG ZUR DURCHFÜHRUNG VON INSTALLATIONEN IN EINEM AUFZUGSCHACHT EINER AUFZUGANLAGE

Title (fr)

DISPOSITIF DE MONTAGE AUTOMATISE DESTINE A EXECUTER DES PROCEDURES D'INSTALLATION DANS UNE CABINE D'UN ASCENSEUR

Publication

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Application

EP 16733547 A 20160630

Priority

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Abstract (en)

[origin: WO2017016780A1] A mounting device (1) for performing an assembly process in an elevator shaft (103) of an elevator system (101) is described. Said mounting device (1) comprises a support component (3) and a mechatronic assembly component (5). The support component (3) is designed to move within the elevator shaft (103). The assembly component (5) is retained on the support component (3) and is designed to carry out a mounting step in an at least partially automatic manner during the assembly process. The support component (3) includes a fastening part (19) that is designed to secure the support component (3) and/or the assembly component (5) in a direction extending transversely to the vertical, i.e. for example in a horizontal or lateral direction, within the elevator shaft (103).

IPC 8 full level

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Citation (opposition)

Opponent : KONE Corp.,

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- JP 3034960 B2 20000417
- JP H07151119 A 19950613 - TOSHIBA CORP
- JP 3214801 B2 20011002
- WO 2016066615 A2 20160506 - NLINK AS [NO]
- EP 0551606 A2 19930721 - BOSCH GMBH ROBERT [DE]
- JP H09300114 A 19971125 - PRESS KOGYO KK
- US 6772091 B1 20040803 - ROBERTS ROGER L [US]
- JP H05105362 A 19930427 - TOSHIBA CORP
- AT 507338 A1 20100415 - LTW INTRALOGISTICS GMBH [AT]
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Opponent : Kone Corp. (K&H Bonapat)

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- JP H07151119 A 19950613 - TOSHIBA CORP
- JP 3214801 B2 20011002
- JP H08245116 A 19960924 - TOSHIBA CORP

Opponent : OTIS Elevator Company

- JP H05105362 A 19930427 - TOSHIBA CORP
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- JP H04251084 A 19920907 - TOSHIBA CORP
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US 201615746161 A 20160630; US 201615746547 A 20160630; ZA 201801168 A 20180220; ZA 201801169 A 20180220