

Title (en)

PEOPLE CONVEYOR WITH HANDRAIL BELT TENSIONING MECHANISM

Title (de)

PERSONENBEFÖRDERER MIT HANDLAUFRIEMENSPANNMECHANISMUS

Title (fr)

DISPOSITIF DE TRANSPORT DE PERSONNES DOTÉ D'UN MÉCANISME DE TENSION DE COURROIE DE MAIN COURANTE

Publication

EP 3569557 A1 20191120 (EN)

Application

EP 18173257 A 20180518

Priority

EP 18173257 A 20180518

Abstract (en)

A people conveyor (2) comprises an endless conveyance band (8) of conveyance elements (4) extending along a closed loop in a conveyance area (8a) between two opposing landing areas (3, 9); an endless handrail belt (6) extending in a closed loop between the landing areas (3, 9) parallel to the conveyance band (8); and at least one handrail belt tensioning mechanism (20). The at least one handrail belt tensioning mechanism (20) includes a guide element (12a) and a remote actuation mechanism (30). The guide element (12a) is configured for guiding a portion of the handrail belt (6) and arranged between the two landing areas (3, 9). The remote actuation mechanism (30) is configured for adjusting the position of the guide element (12a) from a position outside the conveyance area (8a) for tensioning the handrail belt (6).

IPC 8 full level

B66B 23/20 (2006.01)

CPC (source: EP)

B66B 23/20 (2013.01)

Citation (search report)

- [XA] DE 2752671 A1 19780601 - KONE OY
- [XA] EP 0580425 A1 19940126 - OTIS ELEVATOR CO [US]
- [X] CN 107352377 A 20171117 - GENERAL ELEVATOR CO LTD
- [X] JP S5085995 U 19750722
- [A] US 5544730 A 19960813 - ADRIAN WILLY [DE], et al
- [A] WO 2006095045 A1 20060914 - KONE CORP [FI], et al
- [A] DE 19747805 A1 19980702 - OTIS ELEVATOR CO [US]
- [A] EP 2067735 A1 20090610 - MITSUBISHI ELECTRIC CORP [JP]

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

Designated extension state (EPC)

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