

Title (en)
SIDE MONITORING SYSTEM FOR A MEANS OF PASSENGER TRANSPORT

Title (de)
SEITENÜBERWACHUNGSEINRICHTUNG FÜR EINE PERSONENTRANSPORTANLAGE

Title (fr)
DISPOSITIF DE SURVEILLANCE LATÉRALE POUR UNE INSTALLATION DE TRANSPORT DES PERSONNES

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Abstract (en)
[origin: WO2020207895A1] The invention relates to a side monitoring device (13) for a passenger transport system (1), which side monitoring device is configured to monitor an application of force to a skirt panel (9) of the passenger transport system (1) across a gap (11) formed between a transport belt (5) of the passenger transport system (1) and the skirt panel (9). For this purpose, the side monitoring device (13) has a retainer (15), at least one elongate belt (19) and a force sensor (21). The retainer (15) is configured for installation of the side monitoring device (13) in a skirt panel region (10) of the passenger transport system (1), next to a transport region (6), in which, during operation of the passenger transport system (1), a plurality of step units (7) of the transport belt (5) coupled to one another one behind the other are moved along a movement path (25). The belt (19) is kept in operative connection on the retainer (15) and extends parallel to at least a portion of the movement path (25). The force sensor (21) is kept in operative connection with the belt (19) and is configured to detect a force applied to the retainer (15) by the belt (19) in a movement direction (27) parallel to the movement path (25).

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