

Title (en)
PASSENGER TRANSPORT DEVICE WITH AUXILIARY BRAKE

Title (de)
PERSONENBEFÖRDERUNGSVORRICHTUNG MIT HILFSBREMSE

Title (fr)
DISPOSITIF DE TRANSPORT DE PERSONNES

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Application
EP 15794185 A 20151113

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Abstract (en)
[origin: WO2016083152A1] The invention relates to a passenger transport device (200), in particular an escalator or a moving walkway, having transport elements (251) interconnected to form an endless belt (250) and a drive (230) for the transport elements (251), wherein the drive (230) comprises at least a motor (231), a transmission (233) and a drive shaft (240) functionally connected by the transmission (233) to the motor (231), the transport elements (251) interconnected to form an endless belt (250) are guided by means of the drive shaft (240) and can be moved by the drive shaft (240), a first carrier (210) in which the transport elements (251) interconnected to form an endless belt (250) are arranged in such a way that they can be guided, and a second carrier (220) in which the drive shaft (240) of the drive (230) is arranged, wherein the passenger transport device (200) does not have any mechanical connections between the first carrier (210) and the second carrier (220) which transfers to the first carrier (210) most of the forces which act in operation upon the drive (230) through the transport elements (251) interconnected to form an endless belt (250), and an auxiliary brake (260) is arranged on the drive shaft (240) in such a way that a braking force can be applied to the drive shaft (240) by means of the auxiliary brake (260).

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