

Title (en)

FLOOR COVERING FOR A PASSENGER CONVEYING DEVICE

Title (de)

BODENABDECKUNG FÜR EINE PERSONENFÖRDEREINRICHTUNG

Title (fr)

REVÊTEMENT DE SOL POUR UN DISPOSITIF DE TRANSPORT DE PERSONNES

Publication

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Application

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Priority

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- EP 2017075025 W 20171003

Abstract (en)

[origin: WO2018072988A1] The invention relates to a floor cover (5) of a passenger-conveying device such as an escalator or a moving walkway, by means of which floor cover an underfloor space (3) can be covered. The floor cover (5) has a plurality of planar cover elements (9) and at least one coupling element (17). Each cover element (9) has a stepping surface (7) directed upward and an end face (11, 13) at each of opposite ends. In a desired configuration, a first and a second cover element (9) are arranged one behind the other in such a way that a first end face (11) of the first cover element (9) faces a second end face (13) of the second cover element (9). The coupling element (17) is interposed between the first end face (11) of the first cover element (9) and the second end face (13) of the second cover element (9). The coupling element (17) has at least one coupling region (27), which is designed to couple the first cover element (9) to the second cover element (9) in such a way that the first cover element (9) and the second cover element (9) are connected to each other for loading in tension and for angling relative to each other. The coupling element (17) also has at least one restoring region (29), which is designed for causing a restoring force between the first cover element (9) and the second cover element (9) as soon as one of the cover elements (9) is raised upward in deviation from the desired configuration, the restoring force being directed in such a way that the raised cover element (9) is acted upon toward the desired configuration. By means of the coupling element (17) specially provided with the restoring region (29), unintentional raising of the floor cover (5) can be avoided or at least impeded.

IPC 8 full level

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