

Title (en)

Gangway cloth for railway vehicle and connecting gangway

Title (de)

Stoff für einen Verbindungsgang für ein Schienenfahrzeug und Verbindungsgang

Title (fr)

Tissu pour une passerelle pour un véhicule ferroviaire et passerelle

Publication

**EP 1182110 A3 20021023 (EN)**

Application

**EP 01117222 A 20010716**

Priority

- JP 2000252113 A 20000823
- JP 2000252114 A 20000823
- JP 2000252115 A 20000823

Abstract (en)

[origin: EP1182110A2] In a gangway cloth, there is provided a gangway cloth which is excellent in a stretching property, an elongation stress, a tear stress, a light-proofing and a durability, it is intended to improve a durability of a bottom fabric in the gangway cloth forming a connecting gangway for a railway vehicle, and it is intended to make a repairing operation easy and reduce a repairing cost in comparison with the conventional repair, in the case that the bottom cloth of the gangway cloth is broken. Accordingly, in the gangway cloth for the railway vehicle, cloth (2) constituted by synthetic fiber knitted fabric is provided in a stretchy sheet (1) by bonding only a string (3) in a surface portion thereof by an adhesive agent (5) having a stretching property, and a string surface of the cloth (2) constituted by the knitted fabric is coated by a soft type coating material (6) having a stretching property so as not to bury a stitch (4) of the cloth (2). Further, in the connecting gangway for the railway vehicle, there is provided an anti-sagging apparatus (26, 27) which arranges diaphragm frames (17) between front and rear gangway metal frames (15), cylindrically arranges gangway cloth (7) along an outer periphery of the diaphragm frames (17) and fastens front and rear ends of the gangway cloth (7) to both of the gangway metal frames (15), thereby holding a bottom cloth (7a) of the gangway cloth (7) without fixing it to the diaphragm frames (17). Further, in the connecting gangway for the railway vehicle, the diaphragm frames (17) are arranged between the front and rear gangway metal frames, the gangway cloth (7) is cylindrically arranged along the outer periphery of the diaphragm frames (17), the front and rear ends of the gangway cloth (7) are fastened to both of the gangway metal frames, the gangway cloth (7) is separately constructed by an upper gangway cloth (7e) constituted by a top cloth (7c) and side clothes (7d) and a lower gangway cloth (7g) constituted by the bottom cloth (7a) and side clothes (7f), lower portions of the side clothes in the upper gangway cloth (7e) and upper portions of the side clothes (7f) in the lower gangway cloth (7g) are overlapped with each other so as to be assembled, and the lower gangway cloth (7g) is structured such as to be capable of being separately taken out from the upper gangway cloth (7e). <IMAGE> <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

**B61D 17/22** (2013.01)

Citation (search report)

- [A] DE 2457634 A1 19760610 - SCHARFENBERGKUPPLUNG GMBH
- [A] DE 3613729 A1 19871029 - HUEBNER GUMMI & KUNSTSTOFF [DE]
- [A] US 5456186 A 19951010 - HUEBNER REINHARD [DE]

Cited by

EP3006236A1; EP4186771A1; EP2604451A1; DE202008011308U1

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