

Title (en)

FLOOR FOR VEHICLES, IN PARTICULAR, RAIL VEHICLES FOR TRANSPORTING PASSENGERS

Title (de)

FUSSBODEN FÜR FAHRZEUGE, INSBESONDERE SCHIENENFAHRZEUGE ZUR PERSONENBEFÖRDERUNG

Title (fr)

REVETEMENT DE SOL POUR VEHICULES, EN PARTICULIER VEHICULES SUR RAILS POUR LE TRANSPORT DE PERSONNES

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Application

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Abstract (en)

[origin: US6668733B1] The invention aims to improve a floor for rail vehicles in such a way that an even, level, reference plane for constructing the floor is obtained by a simple tolerance compensation of the deviations in the longitudinal direction, transverse direction and height of the shell assembly. Said compensation is embodied as an easy-to-assemble positive-fit connection between the floor plate and the body-shell floor plate. This is achieved by a retaining profile which is configured as a profile with a recess for accommodating a connecting element and provided with at least one blind opening. An elastic spacer, comprising a plug-in extension to compensate for the existing differences in level between the floor plate and the floor-profile plate, is inserted into the blind opening under pressure, forming a positive-fit. The positive-fit between the blind opening and the plug-in extension is perpendicular in relation to the positive-fit between the profile batten and the retaining profile.

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