

Title (en)

Elastic connection element intended for the floating assembly of an internal floor, internal floor panel equipped with a range of elastic connection elements and method for floating assembly of a floor

Title (de)

Elastisches Verbindungselement zur schwimmenden Verlegung einer Innendecke, Deckenplatte für Innendecke, die mit einer Vielzahl von elastischen Verbindungselementen ausgestattet ist, und Montageverfahren zur schwimmenden Verlegung einer Decke

Title (fr)

Élément de liaison élastique destiné au montage flottant d'un plancher interne, panneau de plancher interne équipé d'une pluralité d'éléments de liaison élastique et procédé de montage flottant d'un plancher

Publication

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Application

EP 10354034 A 20100622

Priority

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Abstract (en)

[origin: EP2399797A1] The element (51) has a lower element (31) whose bearing wall (30) is fixed on a floor (1) of a structure-frame. An upper element (41) has a bearing wall (40) parallel to the wall of the lower element. An elastic mass (6) is set between lower and upper elements such that lower and upper elements are displaced with respect to each other. One of the parts (311, 312) is adjacent to a resilient body. Other part is attached with each wall. An external layer is adjacent to the wall of the upper element. The lower element has parts moved relative to each other in a direction (100) perpendicular to the walls. The external layer is made of neoprene and natural rubber. Independent claims are also included for the following: (1) a panel for an inner layer of a buoyant floor of a structure-frame, comprising a set of connection elements (2) a method for assembling a buoyant floor in an internal floor on a floor of a frame structure i.e. cauldron of railway vehicle.

IPC 8 full level

B61D 17/10 (2006.01)

CPC (source: EP)

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Citation (examination)

- DE 7518155 U 19760219
- SU 1182215 A1 19850930 - RAKHMANOV NIKOLAJ N [SU]
- SU 1446383 A2 19881223 - PERM VYSSHEE VOENNOE KOMANDNO INZH KRASNOZNAMENNOE UCHILISHCHE RAKETNYKH VOJSK IM MARSHALA SOVETSKOG
- SU 1732077 A1 19920507 - RAILWAY TRANSPORT INST [SU]
- DE 10205788 A1 20030828 - BUNDESREP DEUTSCHLAND [DE]

Cited by

CN109398390A; EP3508393A1; WO2014167415A1; WO2012140518A1

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