

Title (en)

CHAMBER FILLING BODY MADE OF RIGID POLYURETHANE FOAM

Title (de)

KAMMERFÜLLKÖRPER AUS POLYURETHANHARTSCHAUM

Title (fr)

CORPS DE REMPLISSAGE DE CHAMBRES EN MOUSSE RIGIDE DE POLYURETHANNE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0009807A1] The invention relates to the use of pure, unfilled polyurethane for chamber filling bodies and to a chamber filling body which are suitable for blocking the chambers of rails of railborne vehicles by casting in the form of a rigid foam with a mass density ranging from 40 to 160 kg/m³ in a casting mold matching exactly the shape of the chamber. The polyurethane to be cast can be adjusted and the casting mold can be thermally regulated in such a way that the chamber filling body forms a thin layer. According to the invention, it is particularly advantageous to produce the filling body in the casting mold in the form of a shaped foam body with recesses or constant cross sections having a length that is several times greater than the length required for installation, to cut said body in situ with a cutting tool and/or to cut out the recesses for the components coupled to the rails.

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