

Title (en)

Covering for railroad switch mechanisms in hollow sleepers and fabrication method thereof

Title (de)

Abdeckung für Weichenmechanismen in Hohlschwellen und Herstellungsverfahren dafür

Title (fr)

Couvercle pour mécanismes d'aiguillages dans des traverses creuses et procédé de fabrication correspondant

Publication

EP 2226426 B1 20160615 (EN)

Application

EP 09380067 A 20090402

Priority

ES 200900638 A 20090306

Abstract (en)

[origin: EP2226426A2] Covering for railroad switch mechanisms in hollow sleepers and fabrication method thereof which comprises a reinforced piece (1), with variable shapes and dimensions, made of impact-modified polyamide plastic, with thermoplastic rubber, UV additives and carbon black, having an inverted U-shaped configuration, which determines a central core (2), where longitudinal and transverse reinforcing ribs (5) and lateral supporting wings (4) are incorporated. Plural eccentric holes (8) are made at the lateral supporting wings (4) to facilitate the assembly, as well as plural accommodations (9), adapted and marked according to the needs of each case, for the settlement of the retaining pins during the railroad maintenance works. Some piece (1) generic types are fabricated via injection moulding, these being subsequently cut to measure and made by interchange of elements in the injection moulding.

IPC 8 full level

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CPC (source: EP ES)

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