

Title (en)
INSULATING SHELLS FOR RAILS

Title (de)
ISOLIERSCHALEN FÜR SCHIENEN

Title (fr)
ENVELOPPES ISOLANTES POUR RAILS

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Application
EP 04763743 A 20040803

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Abstract (en)
[origin: WO2005019532A1] The invention relates to a track system and an insulation for flat-bottomed rails or grooved rails, which is made from a recycled material comprising plastics or rubber and plastics and encompasses a ballast pad for the rail base and insulating parts that are assigned to fishing surfaces of the rails. The ballast pad embraces the sides of the rail base all the way to the top face thereof while the sides of the rails are completely covered from the base to the top of the rail by shells that rest against the side. The invention further relates to the use of a recycled material comprising a polyurethane-recycled rubber mixture for prefabricated parts of a multipiece insulation utilized for rails of a track system. Said insulation is provided with a ballast pad that can be put over the rail base and two shells which are essentially thinner than the ballast pad and are glued to the sides of the rail and to the ballast pads at a lap joint.

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