

Title (en)
REMEDICATION OF CROSSTIE CRACKS

Title (de)
SCHWELLENRISSSANIERUNG

Title (fr)
ASSAINISSEMENT DE LÉZARDES DANS DES TRAVERSES

Publication
EP 2591185 B1 20150114 (DE)

Application
EP 11730876 A 20110630

Priority
• EP 10405133 A 20100709
• CH 2011000156 W 20110630
• EP 11730876 A 20110630

Abstract (en)
[origin: EP2405080A1] The method involves using a casting agent with pourable epoxy resin mortar for sealing cracks in concrete crossties, where the cracks exhibit width equal to or less than 1 mm. The mortar contains a mixture of epoxy resin binder e.g. Icosit KC 220/60 TX(RTM: 2-component epoxy binder), and quartz sand, where the quartz sand exhibits grain size of 0.1 to 1 mm. A mixture ratio of the binder and the quartz sand is 1 to 1. The sealed cracks are dried by a propane thawing device before the cracks are cast with the mixture. An independent claim is also included for a casting agent comprising pourable epoxy resin mortar.

IPC 8 full level
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CPC (source: EP US)
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