

Title (en)
INITIAL AND FINAL METHODS FOR LAYING LONG RAILS

Title (de)
ANFANGS- UND ENDVERFAHREN ZUM VERLEGEN VON LANGEN SCHIENEN

Title (fr)
PROCÉDÉS INITIAL ET FINAL DE POSE DE LONGS RAILS

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Application
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Abstract (en)
[origin: CA3183514A1] Disclosed is an initial method for laying new long rails (22) of a railway track (20) by means of a work train (100) travelling in a direction of travel (F2), the initial method being intended to be implemented during a process for replacing old rails (21) of the railway track (20), said method comprising a phase (B) during which the new long rails (22) are laid and subsequently fastened to sleepers (23) of the railway track (20) when the work train is travelling in said direction of travel (F2), the initial laying method comprising: a step of laying at least one portion of a first of the new long rails (221) on the sleepers (23) at at least one end (211') of an old joining rail (211); an end-to-end connection step of connecting the end (211') of the old joining rail (211) to at least one end (221') of the first new long rail (221) by means of at least one temporary connection device (30); a step of welding, for example thermite welding, the respective connected ends of the old joining rail (211) and the first new long rail (221); the initial laying method comprising, prior to the laying step, a step of heating or cooling, for neutralising to the reference temperature, at least one end portion (221') of the first new long rail (221), the end portion comprising the end (221') of the first new long rail (221) to which the end (211') of the old joining rail (211) is required to be connected. A final method for laying new long rails (22) of a railway track (20) by means of a work train (100) travelling in a direction of travel (F2) is also disclosed.

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