Title (en)

METHOD FOR THE RESTORATION OF A RAILROAD TRACK

Publication

EP 0329918 B1 19911002 (FR)

Application

EP 88810117 A 19880226

Priority

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Abstract (en)

[origin: EP0329918A1] In order to define an absolute basis of reference, during the restoration of a railroad track, a system of electromagnetic wave transmitters (E1) is placed near a predetermined fixed point, at a maximum distance (A2 A'2) beside the track (V) determined by the free space available compatible with the lateral travel of the receiver system (Rr). The vertical and lateral deviations of the transmitter (E1) with respect to the theoretical axis of the track are measured and entered into a computing system for determining the corrections to be carried out. In the curves the transmitter system (E1) is disposed outside of the chord (N1 M1) on the secant prolonging it and therefore outside of the curve (A'1 A'2) in order to elongate the length of the measuring and working interval (P3) which is thus longer than if the system of transmitters were placed on the track. Preferably two transmitter systems are used placed on the outside of the track allowing the transport of the system of transmitters not in service during the work interval without disturbing the operation of the system of transmitters in service. In this way the stop time of the machine is greatly reduced. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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