Title (en)

METHOD AND ASSEMBLY FOR MONITORING CURRENT COLLECTORS, CLEARANCE GAUGES, AND HORIZONTAL AND VERTICAL CONTACT WIRE POSITIONS ON VEHICLE COMBINATIONS

Title (de)

VERFAHREN UND ANORDNUNG ZUR KONTROLLE VON STROMABNEHMERN, LICHTRAUMPROFILEN UND HORIZONTALER UND VERTIKALER FAHRDRAHTPOSITION AN FAHRZEUGVERBÄNDEN

Title (fr)

PROCÉDÉ ET SYSTÈME DE CONTRÔLE DE PANTOGRAPHES, DE GABARITS D'ISOLEMENT ET DE LA POSITION HORIZONTALE ET VERTICALE DU FIL DE CONTACT AU NIVEAU DES CONVOIS FERROVIAIRES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011035983A1] The invention relates to a device for monitoring a train formation, consisting of at least one lateral camera (10) and at least two upper cameras (20, 21), wherein the cameras (10, 20, 21) are arranged fixed on a track section laterally and above the trainset, the region of the contact wire (7) with a carrier device and at least one current collector (12) can be detected by at least one lateral camera (10), and the flanks (13) of the trainset can be detected by the at least two upper cameras (20, 21), wherein an evaluation unit (4) is provided for determining the state of the at least one current collector, the at least one clearance dimension of the trainset, and the at least one actual position of the contact wire, or a combination thereof. Detected deviations from standards are indicated and allocated to individual cars.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2011035983A1

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