

Title (en)
AUTOMOTIVE INSPECTION ROBOTIC VEHICLE, INSPECTION SYSTEM, AND METHOD FOR INSPECTING A RAILWAY TRACK AND/OR A RAILWAY VEHICLE

Title (de)
ROBOTISCHES FAHRZEUG ZUR INSPEKTION EINES KRAFTFAHRZEUGS, INSPEKTIONSSYSTEM UND VERFAHREN ZUR INSPEKTION EINES GLEISES UND/ODER EINES SCHIENENFAHRZEUGS

Title (fr)
VÉHICULE ROBOTISÉ D'INSPECTION AUTOMOBILE, SYSTÈME D'INSPECTION ET PROCÉDÉ D'INSPECTION D'UNE VOIE FERRÉE ET/OU D'UN VÉHICULE FERROVIAIRE

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Application
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Abstract (en)
[origin: WO2023006184A1] According to various aspects, an automotive inspection robotic vehicle (100) for inspecting a railway track and/or a railway vehicle is described, comprising: an onboard driving device (104) to allow for moving the inspection robotic vehicle (100) to thereby allow the inspection robotic vehicle (100) to drive along and adjacent to a railway track; an onboard control device (106) configured to control the onboard driving device (104); one or more onboard sensors (108) configured to detect parameter data representing at least one railway track parameter and/or railway vehicle parameter, describing a condition of the railway track and/or railway vehicle, respectively; and a holding structure (110) laterally extending on the automotive inspection robotic vehicle (100) and configured to engage with a rail or rails of the railway track to thereby, during use, hold the automotive inspection robotic vehicle (100) on the rail or rails of the railway track.

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