

Title (en)
METHOD FOR OPERATING A SYSTEM HAVING FIRST AND ADDITIONAL MOBILE PARTS AND HAVING A STATIONARY CONTROLLER, AND SYSTEM FOR CARRYING OUT A METHOD

Title (de)
VERFAHREN ZUM BETREIBEN EINES SYSTEMS MIT ERSTEM UND WEITEREN MOBILTEILEN UND EINER STATIONÄR ANGEORDNETEN STEUERUNG UND SYSTEM ZUR DURCHFÜHRUNG EINES VERFAHRENS

Title (fr)
PROCÉDÉ POUR FAIRE FONCTIONNER UN SYSTÈME COMPRENANT DES PREMIÈRE ET DEUXIÈME PARTIES MOBILES ET COMPRENANT UN CONTRÔLEUR FIXE, ET SYSTÈME DE MISE EN UVRE D'UN PROCÉDÉ

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Application
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Abstract (en)
[origin: WO2021032314A1] The invention relates to a method for operating a system having first and additional mobile parts and having a stationary controller, and to a system for carrying out a method. The system has a connection between the controller and the first mobile part and between the controller and the additional mobile parts. In a first method step, the first mobile part detects its position P1 and/or determines the position of its rear edge H and subsequently transmits the determined values to the controller. Each of the additional mobile parts detects its position P2 and/or determines the position of its front edge V and transmits the determined values to the controller. In a second method step, the controller determines the additional mobile part most closely adjacent to and following the first mobile part and then transmits the position P1 and/or the position of the rear edge H of the first mobile part to said additional mobile part. In a third method step, the following mobile part adds its braking distance A, to which a safety distance and a safety range W is additionally added, to the position P2 and/or to the front edge V of the most closely adjacent following mobile part and monitors this calculated position for collision with the rear edge H of the first mobile part.

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