

Title (en)  
METHOD FOR EVALUATING THE OCCUPANCY OF A TRACK SECTION AND AXEL COUNTER

Title (de)  
VERFAHREN ZUR BEWERTUNG DER BELEGUNG EINES GLEISABSCHNITTS UND AXEL-ZÄHLER

Title (fr)  
PROCÉDÉ D'ÉVALUATION DE L'OCCUPATION D'UNE SECTION DE VOIE ET COMPTEUR D'AXES

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Application  
**EP 22203327 A 20221024**

Priority  
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Abstract (en)  
The invention concerns a method for evaluating the occupancy status of a track section (2) using at least one axle counter (3) with a first detection point (4a) and a second detection point (4b), which limit the track section (2). The method is characterized in the following steps:a. acquisition of a first train pattern (8a) and a second train pattern (8b), wherein the first train pattern (8a) is a list of distance parameters ( $S_{1}$  -  $S_{5}$ ) indicating the distances ( $S_{1}$  -  $S_{5}$ ) between the axles (5a - 5f) counted at the first detection point (4a) and the second train pattern (8b) is a list of distance parameters ( $S'_{1}$  -  $S'_{4}$ ) of the distance parameters ( $S_{1}$  -  $S_{4}$ ) indicating the distances ( $S_{1}$  -  $S_{4}$ ) between the axles (5a - 5f) counted at the second detection point (4b).b. comparing the first train pattern (8a) with the second train pattern (8b);c. evaluating that the track section (2) is clear if there is no deviation between the patterns (8a, 8b) or a deviation is found to be based on a miscount of the axles (5a - 5f).

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