

Title (en)  
RAILWAY TIE WITH PROTECTIVE DEVICE FOR A RAILROAD TRACK

Title (de)  
SCHWELLE MIT SCHUTZVORRICHTUNG FÜR BAHNFAHRWEG

Title (fr)  
TRAVERSE AVEC DISPOSITIF DE SECURITE POUR VOIE DE CHEMIN DE FER

Publication  
**EP 1044305 A1 20001018 (DE)**

Application  
**EP 99971479 A 19991029**

Priority  
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Abstract (en)  
[origin: WO0026469A1] The invention relates to a railway tie for a fixed railroad track, a large tie superstructure or a classical ballast bed superstructure. Said track comprises hump-shaped caps (3, 4) that are arranged adjacent to the rail supports, especially in the form of cast in situ concrete humps. The lateral flanks (9) of these hump-shaped caps facing the rail supports interact with the rails to form catch-grooves (5) for the wheels of the vehicle if these should jump the rails. The surface (6) of said catch grooves is located below the level of the rail tops.

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IPC 8 full level  
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