

Title (en)  
CONTINUOUS ELASTIC RAIL BED

Title (de)  
KONTINUIERLICHE ELASTISCHE SCHIENENLAGERUNG

Title (fr)  
ASSIETTE DES RAILS ÉLASTIQUE CONTINUE

Publication  
**EP 2109699 A2 20091021 (DE)**

Application  
**EP 07764749 A 20070620**

Priority  
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• DE 202006016616 U 20060620

Abstract (en)  
[origin: DE202006016616U1] The system has a damping unit arranged between a rail base (4) and a substructure. The damping unit has an elastic layer and exhibits a vertical input tension. Grouting mass (7) is provided between the rail head and the surrounding road construction materials. The input tension is selected such that sinking of the rail with the load by a rolling vehicle, is less than the joint elastic tensile strength of the grouting mass.

IPC 8 full level  
**E01B 9/68** (2006.01); **E01B 19/00** (2006.01)

CPC (source: EP)  
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Citation (search report)  
See references of WO 2007147581A2

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