

Title (en)  
Ballastless superstructure for railway.

Title (de)  
Schotterloser Oberbau mit Schienen.

Title (fr)  
Superstructure de voie ferrée sans ballast.

Publication  
**EP 0516612 A1 19921202 (DE)**

Application  
**EP 92890120 A 19920520**

Priority  
AT 110791 A 19910531

Abstract (en)  
Ballastless superstructure for rails (4) of tracks, support plates (1), which support at least two rails (4) detachably connected to them, resting on a base (3) and via an intermediate layer (2) made of plastic and/or elastic material, and having between their respective ends at least one recess (9), into which in each case an extension (10) extends from the base mortar (3), the support plates (1) also having at their ends, on the side opposite the surface supporting the rails (4), extensions (12) which extend into corresponding recesses (13) into the foundation plate (8). <IMAGE>

Abstract (de)  
Schotterloser Oberbau für Schienen (4) von Gleisen, wobei auf einem Untergrund (3) Tragplatten (1), welche zumindest zwei lösbar mit diesen verbundene Schienen (4) tragen, und über eine Zwischenschicht (2) aus plastischem und/oder elastischem Material aufliegen, und zwischen ihren jeweiligen Enden zumindest eine Ausnehmung (9) aufweisen, in welche vom Untergrundmörtel (3) jeweils ein Fortsatz (10) reicht, wobei weiters die Tragplatten (1) an ihren Enden, an der die Schienen (4) tragenden Oberfläche gegenüberliegenden Seite Fortsätze (12) tragen, die in entsprechende Ausnehmungen (13) in die Fundamentplatte (8) reichen. <IMAGE>

IPC 1-7  
**E01B 1/00**; **E01B 3/40**

IPC 8 full level  
**E01B 1/00** (2006.01); **E01B 2/00** (2006.01); **E01B 3/28** (2006.01); **E01B 3/40** (2006.01); **E01B 29/00** (2006.01)

CPC (source: EP)  
**E01B 1/002** (2013.01); **E01B 1/007** (2013.01); **E01B 2/003** (2013.01); **E01B 3/40** (2013.01); **E01B 29/005** (2013.01); **E01B 1/005** (2013.01); **E01B 2204/01** (2013.01); **E01B 2204/09** (2013.01); **E01B 2204/13** (2013.01)

Citation (search report)  
• [YD] AT 390976 B 19900725 - PORR ALLG BAUGES [AT]  
• [YD] EP 0170631 A2 19860205 - IPA SPA IND PREFAB AFFINI [IT]  
• [A] GB 1180740 A 19700211 - JAPAN NATIONAL RAILWAY [JP]

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