

Title (en)

Superstructure assembly with rail support blocks located transversally in longitudinal housings with interposition of flexible components.

Title (de)

Gleisoberbau mit Schienentragblöcken auf einer Tragplatte unter Einfügung flexibler Zwischenlagen.

Title (fr)

Superstructure de la voie comportant blochets supportant les rails et localisés sur plate-forme à l'interposition d'éléments flexibles.

Publication

EP 0603927 A2 19940629 (EN)

Application

EP 93203385 A 19931203

Priority

IT MI922917 A 19921221

Abstract (en)

A rail superstructure assembly with vibration damping, particularly for railway lines in tunnels, consisting of a prefabricated member (12) comprising a block (1) carrying fasteners (7) for rails (3), made of concrete and enclosed in an envelope (5), open at the top, of rubber or the like, having vibration damping properties, the entire assembly being capable of being inserted via a bed casting (6) into a concrete housing (14) forming part of track bed (3) of the railway line, or at least of one of its lengths, there being provided damping components (4, 16) made of elastomeric material inserted lengthwise between lower surface (1b) of such block (1) and envelope (5) and between housing (14) and rail supporting slab (18), respectively, there being furthermore provided means (14c, 15) for centring the position of housing (14) with respect to the development of the track. <IMAGE>

IPC 1-7

E01B 1/00

IPC 8 full level

E01B 1/00 (2006.01); **E01B 9/68** (2006.01); **E01B 19/00** (2006.01)

CPC (source: EP)

E01B 1/005 (2013.01); **E01B 1/007** (2013.01); **E01B 9/68** (2013.01); **E01B 19/00** (2013.01); **E01B 19/003** (2013.01); **E01B 2204/01** (2013.01); **E01B 2204/10** (2013.01); **E01B 2204/13** (2013.01)

Cited by

DE102005054820A1; CN114481714A; DE10050410C1; FR2845700A1; AT409391B; ES2371568A1; DE19640962A1; CN110029530A; AU2015382274B2; EP1039030A1; CN110029535A; EP0698686A1; ES2358495A1; EP0751257A3; ES2119633A1; ES2495840A1; CN111691245A; EP3045588A1; RU2702388C2; AU2016208133B2; EP2014831A1; FR2731238A1; CN106702821A; CN114075802A; US8393552B2; US10351999B2; WO2016129001A1; WO2004035934A1; WO2008138913A1; WO2016113218A1; WO2020191447A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0603927 A2 19940629; **EP 0603927 A3 19940824**; AU 5225293 A 19940630; IT 1256209 B 19951129; IT MI922917 A0 19921221; IT MI922917 A1 19940621

DOCDB simple family (application)

EP 93203385 A 19931203; AU 5225293 A 19931208; IT MI922917 A 19921221