

Title (en)
Ballastless superstructure for railways

Title (de)
Schotterlose Oberbaukonstruktion für Schienenbahnen

Title (fr)
Superstructure de voie-ferrée sans ballast

Publication
EP 0510497 B1 19970709 (DE)

Application
EP 92106467 A 19920414

Priority
DE 4113566 A 19910425

Abstract (en)
[origin: EP0510497A1] A ballastless superstructure for railways is produced, with a support plate, which is arranged on a substructure designed according to the local requirements, and, supported thereon, a track grid, the surface (3) of the support plate (2) being adapted, accurate to at least +/- 2 mm, to the required dimension and the support plate (2) having in its central region, i.e. over a given width to the right and left from its centre line (7) and at least in the region of the sleepers (5) a lateral force base (6) which projects by a given amount above the surface (3) of the support plate (2) and is positively connected to the sleepers (5) of the track grid (4). <IMAGE>

IPC 1-7
E01B 1/00

IPC 8 full level
E01B 1/00 (2006.01); **E01B 29/00** (2006.01)

CPC (source: EP)
E01B 1/002 (2013.01); **E01B 1/007** (2013.01); **E01B 29/005** (2013.01); **E01B 2204/01** (2013.01); **E01B 2204/13** (2013.01)

Citation (examination)
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Cited by
EP0709522A1; EP0621370A1; CN108486963A; CN103437252A

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EP 0510497 A1 19921028; EP 0510497 B1 19970709; AT E155181 T1 19970715; DE 4113566 A1 19921029; DE 4113566 C2 19950323; DE 59208671 D1 19970814; ES 2104765 T3 19971016

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