

Title (en)
Ballastless track for railway traffic

Title (de)
Schotterloser Oberbau für den schienengebundenen Verkehr

Title (fr)
Voie sans ballast pour trafic ferroviaire

Publication
EP 1231323 A3 20030820 (DE)

Application
EP 02450021 A 20020204

Priority
AT 2022001 A 20010209

Abstract (en)
[origin: EP1231323A2] Ballast-free track for a rail vehicle comprises two rails (1) with a rail head (17) for rail wheels (18) of rolling stock, especially flat bottom rails, which are removably connected to a support, especially a support plate (2) lying over a rubber elastic layer (15) on a sub base (3). Guide bodies (7) for rail wheels are arranged a distance apart alongside the two rails. The normal distance (d) between the normal projections of the guide bodies and the rail heads on a track plane (G) is greater than the width (b) of the rail wheels. The normal projection of the guide bodies preferably lies outside the regions between the rail and a removable rail fixing (12).

IPC 1-7
E01B 1/00; E01B 5/18

IPC 8 full level
E01B 1/00 (2006.01)

CPC (source: EP)
E01B 1/004 (2013.01)

Citation (search report)

- [Y] WO 0026469 A1 20000511 - PFLEIDERER INFRASTRUKTURT GMBH [DE], et al
- [Y] EP 1039030 A1 20000927 - PORR ALLG BAUGES [AT]
- [A] EP 1045069 A2 20001018 - PORR ALLG BAUGES [AT]
- [A] GB 1339200 A 19731128 - BETON & MONIERBAU AG
- [A] DE 550641 C 19320513 - VER STAHLWERKE AG

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EP 02450021 A 20020204; AT 2022001 A 20010209