

Title (en)
Railway track foundations

Title (de)
Mittelkernverbau für Bahnanlagen

Title (fr)
Fondations des voies ferrées

Publication
EP 0875626 A3 19990609 (DE)

Application
EP 97112613 A 19970723

Priority
DE 19718733 A 19970502

Abstract (en)
[origin: EP0875626A2] On the structural limit a temporarily effective support structure is erected, which acts as build-up when the second track is installed. This support structure is formed by reinforced soil, and to it is fixed a ballast retainer. In front of or in the support structure a drainage arrangement and/or supply conduits are installed. The drainage arrangement has a stable form, and is produced as a frame (5). The temporarily effective support structure is preferably formed as geoplastic reinforced soil. The deep drainage arrangement with frame walling is installed centrally. The frame (5) is quadratic in cross-section, e.g. 0.50 x 0.50 m and approximately 3m long.

IPC 1-7
E01F 5/00

IPC 8 full level
E01B 1/00 (2006.01); **E01B 2/00** (2006.01); **E01F 5/00** (2006.01)

CPC (source: EP)
E01B 1/008 (2013.01); **E01B 2/006** (2013.01); **E01F 5/00** (2013.01); **E01B 1/001** (2013.01); **E01B 2204/05** (2013.01); **E01B 2204/07** (2013.01)

Citation (search report)
• [XA] DE 4341418 A1 19950608 - WESTFALIA BECORIT IND TECH [DE]
• [A] US 4024719 A 19770524 - RISSEEUW PAUL
• [A] DE 4007710 A1 19910912 - DYCKERHOFF & WIDMANN AG [DE]
• [A] DE 3617471 A1 19870319 - MATTHAEI BAUUNTERNEHMEN GMBH & [DE]

Cited by
DE19928445B4; DE202022101540U1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0875626 A2 19981104; EP 0875626 A3 19990609; EP 0875626 B1 20040317; AT E262086 T1 20040415; DE 19718733 A1 19981105; DE 59711424 D1 20040422

DOCDB simple family (application)
EP 97112613 A 19970723; AT 97112613 T 19970723; DE 19718733 A 19970502; DE 59711424 T 19970723