

Publication

EP 0731215 A3 19961002

Application

EP 96102963 A 19960228

Priority

DE 19508107 A 19950308

Abstract (en)

[origin: EP0731215A2] The construction method uses concrete block (16) and steel (18) sleepers, with two reinforced individual blocks. The reinforcements extend mainly parallel to the sleeper axis. They consist of structural steel bars, connected by clips to form a reinforcing cage. The bars act as connection bars and extend through both blocks, with at least some projecting over the outer block ends. The longitudinal reinforcements, which had previously been placed loosely in the concrete pan, are lifted, and connected to the connection bars and the projecting bar ends. The preassembled tracks modules are adjusted using a number of regulating gantries, located on the concrete pans.

IPC 1-7

E01B 2/00

IPC 8 full level

E01B 1/00 (2006.01); **E01B 2/00** (2006.01)

CPC (source: EP KR US)

E01B 1/004 (2013.01 - EP US); **E01B 2/003** (2013.01 - EP US); **E01B 37/00** (2013.01 - KR); **E01B 2204/06** (2013.01 - EP US); **E01B 2204/09** (2013.01 - EP US); **E01B 2204/11** (2013.01 - EP US)

Citation (search report)

- [A] EP 0379148 A2 19900725 - HEILIT & WOERNER BAU AG [DE]
- [A] DE 3736943 C1 19881208 - DYCKERHOFF & WIDMANN AG
- [A] DE 4309392 A1 19940929 - HEILIT & WOERNER BAU AG [DE]

Cited by

DE10107116A1; DE19952803A1; DE19952803C2

Designated contracting state (EPC)

AT BE DK ES FR GB IE IT NL SE

DOCDB simple family (publication)

EP 0731215 A2 19960911; **EP 0731215 A3 19961002**; **EP 0731215 B1 20000405**; AT E191526 T1 20000415; DE 19508107 C1 19961114; DK 0731215 T3 20000911; ES 2144165 T3 20000601; KR 0179441 B1 19990401; KR 960034584 A 19961024; TW 316937 B 19971001; US 5653388 A 19970805

DOCDB simple family (application)

EP 96102963 A 19960228; AT 96102963 T 19960228; DE 19508107 A 19950308; DK 96102963 T 19960228; ES 96102963 T 19960228; KR 19960006103 A 19960308; TW 85102792 A 19960307; US 61068496 A 19960304