

Title (en)

Sound absorbing construction for railway track without ballast and slip form paver

Title (de)

Schallabsorberkonstruktion für feste Fahrbahn und Gleitschalungsfertiger

Title (fr)

Construction absorbant les sons pour voies ferroviaires sans ballast et machine à coffrages glissants

Publication

EP 0742319 A3 19970716 (DE)

Application

EP 96107492 A 19960510

Priority

DE 19517110 A 19950510

Abstract (en)

[origin: EP0742319A2] Track system for rail vehicles includes a pair of sound-absorbent side pieces (30, 30') to the rail bed, extending upwards and pref. to a level above the underside of the rail vehicle. The side pieces are mfd. from concrete or asphalt using sliding shuttering. Pref. the side pieces are cylindrically curved with a radius of curvature of 35-150 cm, more pref. 40-80 cm, partic. pref. 60 cm. An additional sound-absorbent coating (36) may be applied to the side pieces using sliding shuttering on the completed side piece. Also claimed is a process for mfr. of the side piece using a rail-bound sliding shuttering arrangement to apply a porous compsn. with about 30% pores.

IPC 1-7

E01B 19/00; **E01C 19/50**

IPC 8 full level

E01B 19/00 (2006.01); **E01C 19/48** (2006.01); **E01F 8/00** (2006.01); **E01F 8/02** (2006.01)

CPC (source: EP)

E01B 19/003 (2013.01); **E01C 19/4886** (2013.01); **E01F 8/0023** (2013.01); **E01F 8/028** (2013.01)

Citation (search report)

- [AD] GB 2236343 A 19910403 - COSTAIN BUILDING PROD [GB]
- [A] DE 1243225 B 19670629 - GRUENZWEIG & HARTMANN
- [A] FR 2635797 A1 19900302 - MERVILLE PIERRE ENTREPRISE [FR]
- [A] DE 3829484 A1 19900301 - SEEHAWER DIRK [DE]
- [A] GB 1349854 A 19740410 - LAING & SON LTD JOHN

Cited by

DE102004002862A1; EP1122362A1; AT13207U1; EP2811074A3

Designated contracting state (EPC)

AT CH DE FR LI

DOCDB simple family (publication)

EP 0742319 A2 19961113; **EP 0742319 A3 19970716**; DE 19517110 A1 19961128

DOCDB simple family (application)

EP 96107492 A 19960510; DE 19517110 A 19950510