

Title (en)
Railway track superstructure

Title (de)
Gleisoberbau

Title (fr)
Superstructure de voie ferrée

Publication
EP 0808945 A3 19980520 (DE)

Application
EP 97108169 A 19970520

Priority
DE 19620638 A 19960522

Abstract (en)
[origin: EP0808945A2] The sleepers (1) are laid on supporting material (3) in one or more layers accommodated on a base structure, some at least of them being secured by fixing devices (5) anchored in the material. Each device is coupled via a guide (7) to a sleeper, and which allows lengthwise movement of the sleeper in relation to the device when a detachable locking device (8) is released. The guide can also be arranged to allow relative movement in the vertical direction between the two, but not in the sideways direction. Limited vertical movement can be allowed with the locking device engaged. The fixing device can work in a vertical bush sliding in the sleeper lengthwise direction with the locking device released.

IPC 1-7
E01B 1/00

IPC 8 full level
E01B 1/00 (2006.01); **E01B 13/00** (2006.01)

CPC (source: EP)
E01B 1/007 (2013.01); **E01B 2204/01** (2013.01); **E01B 2204/04** (2013.01); **E01B 2204/09** (2013.01); **E01B 2204/13** (2013.01)

Citation (search report)
• [X] DE 3710188 A1 19881013 - WIRTH ACHIM [DE], et al
• [X] US 4802623 A 19890207 - FASTERDING GUENTER [DE], et al

Designated contracting state (EPC)
AT DE FR GB

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EP 0808945 A2 19971126; EP 0808945 A3 19980520; CZ 148397 A3 19971217; DE 19620638 A1 19971127; DE 19620638 C2 19990506; HU 9700898 D0 19970630; HU P9700898 A2 19980330; HU P9700898 A3 19981028; PL 320075 A1 19971124

DOCDB simple family (application)
EP 97108169 A 19970520; CZ 148397 A 19970514; DE 19620638 A 19960522; HU P9700898 A 19970514; PL 32007597 A 19970520