

Title (en)
RAILROAD CROSSING SLAB

Publication
EP 0145609 A3 19850724 (FR)

Application
EP 84402587 A 19841213

Priority
FR 8320048 A 19831214

Abstract (en)
[origin: EP0145609A2] 1. A covering for a level crossing of the type comprising, between two rails (1 ; 41 ; 91) of a railway track laid on blocks (2) or monolithic sleepers (50) or longitudinal sleepers, at least two internal highway elements (3 ; 43 ; 93) or sets thereof disposed in facing relationship so as to be able to align themselves with one another and/or pivot slightly relatively to one another around an alignment and/or pivoting axis (4a ; 44a) disposed in their meeting plane, characterized in that at the end remote from the latter axis the internal elements (3 ; 43 ; 93) rest, preferably resiliently, on corresponding rests (12 ; 52) on the blocks (2), monolithic sleepers (50) or longitudinal sleepers so as to be able to pivot slightly on such rests (12 ; 52) around an axis substantially parallel to the alignment and/or pivoting axis (4a ; 44a) ; adjustable spacing means (15 ; 55 ; 105) are provided between the rail web (1a ; 41a ; 91a) and the webs (3a ; 43a ; 93a) of those end faces of the internal elements (3 ; 43 ; 93) disposed at that end thereof remote from the alignment and/or pivoting axis (4a ; 44a) ; the axes along which the spacing devices (15 ; 55 ; 105) are operative extend above the alignment and/or pivoting axis (4a ; 44a) ; and means (19 ; 59) are provided for retaining, against stresses tending to raise them, those of the said end faces which are remote from the alignment and/or pivoting axis (4a ; 44a), the retaining means (19 ; 59) bearing on the rail feet (1b ; 41b ; 91b).

IPC 1-7
E01C 9/04

IPC 8 full level
E01C 9/04 (2006.01)

CPC (source: EP)
E01C 9/04 (2013.01)

Citation (search report)
• [X] DE 2350759 A1 19750424 - STRAETNER GEB BUSS ANITA
• [X] FR 2378131 A1 19780818 - PARK RUBBER CO [US]
• [A] US 1939425 A 19331212 - WHITE HERBERT E
• [A] FR 375610 A 19070713 - VICTOR GROSS [DE]
• [A] US 1731301 A 19291015 - EMMONS ALBERT F
• [A] US 2471167 A 19490524 - OXENRIDER ELLIS C
• [A] US 2294582 A 19420901 - SULLIVAN FRANCIS C
• [A] EP 0016869 A1 19801015 - PEBUSO BETONWERKE HERIBERT BUS [DE]

Cited by
FR2871818A1; FR2663054A1; EP1914347A1; EP1637653A3

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0145609 A2 19850619; EP 0145609 A3 19850724; EP 0145609 B1 19880518; AT E34417 T1 19880615; DE 3471332 D1 19880623;
FR 2556753 A1 19850621; FR 2556753 B1 19860725

DOCDB simple family (application)
EP 84402587 A 19841213; AT 84402587 T 19841213; DE 3471332 T 19841213; FR 8320048 A 19831214