

Title (en)
Railway sleeper

Title (de)
Eisenbahnschwelle

Title (fr)
Traverse de voie ferrée

Publication
EP 1531200 A1 20050518 (EN)

Application
EP 03425734 A 20031114

Priority
EP 03425734 A 20031114

Abstract (en)
Railway sleeper comprising a main structure (2) having a main direction of development, an upper surface (3) able to be associated to a railway track, and a lower base (4) able to be set down onto a railway ballast. The sleeper (1) further comprises at least a compensating element (5) associated to the main structure (2) in correspondence with the lower base (4), defining with the lower base (4) a lower bearing surface (6) of the sleeper (1), and movable relative to said lower base (4) at least between two operative positions, to each of which corresponds a different conformation of said lower bearing surface (6) to compensate for collapses and settling of said ballast. <IMAGE>

IPC 1-7
E01B 3/20

IPC 8 full level
E01B 3/20 (2006.01)

CPC (source: EP)
E01B 3/20 (2013.01)

Citation (search report)
• [XA] US 1357180 A 19201026 - WILLIAM NELSON
• [X] US 1148051 A 19150727 - RHINESMITH WILLIAM ALONZO [US]
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• [A] US 1016806 A 19120206 - WHEATON VICTOR B [US]

Cited by
RU2701074C1; JP2015175124A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1531200 A1 20050518; EP 1531200 B1 20060104; AT E315129 T1 20060215; DE 60303114 D1 20060330

DOCDB simple family (application)
EP 03425734 A 20031114; AT 03425734 T 20031114; DE 60303114 T 20031114