

Title (en)
Railway sleeper

Title (de)
Eisenbahnschwelle

Title (fr)
Traverse de chemin de fer

Publication
EP 1905896 A1 20080402 (FR)

Application
EP 07291077 A 20070907

Priority
FR 0608356 A 20060922

Abstract (en)

The sleeper (8) has a rigid concrete block (9) with a lower surface, and an upper face to receive a longitudinal rail (4), where the block has a weight ranging between 400 and 450 kilograms. A shoe (20) receives the rigid block, and is formed of a rigid shell comprising a peripheral edge (50) bordering a base of the shell. A resilient tie plate (22) is arranged between the lower surface of the block and the base of the shoe. The tie plate has a dynamic stiffness ranging from 6-8 kilo-newtons per millimeter.

Abstract (fr)

Cette traverse (8) de chemin de fer comprenant : - un bloc rigide (9) présentant une face inférieure, et une face supérieure destinée à recevoir au moins un rail longitudinal (4), - un chausson (20) destiné à recevoir le bloc rigide (9) et formé d'une coque rigide comportant un fond (48) et un rebord périphérique (50) bordant ce fond (48), - une semelle résiliente (22) disposée entre la face inférieure du bloc rigide (9) et le fond (48) du chausson (20). La semelle résiliente (22) a une raideur dynamique k2 comprise entre 6kN/mm et 10kN/mm, de préférence entre 6kN/mm et 8kN/mm.

IPC 8 full level

E01B 1/00 (2006.01); **E01B 3/40** (2006.01)

CPC (source: EP KR US)

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E01B 2204/01 (2013.01 - KR)

Citation (search report)

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Designated contracting state (EPC)

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AL BA HR MK YU

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BR PI0702998 A 20080513; BR PI0702998 A8 20160816; BR PI0702998 B1 20190521; CA 2598637 A1 20080322; CA 2598637 C 20150421;
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