

Title (en)
Sleeper shoe for ballastless track structure

Title (de)
Schwellenschuh für schotterlosen Gleisoberbau

Title (fr)
Chausson pour traverse de voie de chemin de fer sans ballast

Publication
EP 0773323 B1 20020213 (FR)

Application
EP 96402365 A 19961107

Priority
FR 9513260 A 19951109

Abstract (en)
[origin: EP0773323A1] The sleeper boot consists of an elastically deformable shell (1) to receive the sleeper (T). The shell is sloping inwards at the bottom and contains a sole (2) on which the sleeper rests. The lower part of the shell has recesses (10) in its inner wall which ensure a flexibility on compression even after the wall has been deformed as a result of hydrostatic pressure from the concrete bed (B). The boot's inner recesses are made in the wall to a height corresponding to the thickness of the sole plus the height (t) of a chamfered lower edge on the sleeper. At their lower ends, the recesses extend beneath the edge of the sole. In between the recesses the inner wall of the boot is made with a series of reinforcing ribs.

IPC 1-7
E01B 1/00

IPC 8 full level
E01B 1/00 (2006.01)

CPC (source: EP US)
E01B 1/005 (2013.01 - EP US); **E01B 2204/01** (2013.01 - EP US)

Cited by
WO2021151675A1; EP2659068B1

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AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 0773323 A1 19970514; EP 0773323 B1 20020213; AT E213293 T1 20020215; BR 9605496 A 19981027; DE 69619198 D1 20020321; DE 69619198 T2 20020814; DK 0773323 T3 20020527; EG 20737 A 19991229; ES 2172646 T3 20021001; FR 2741090 A1 19970516; FR 2741090 B1 19980130; MX 9605433 A 19971031; NO 964660 D0 19961105; NO 964660 L 19970512; PT 773323 E 20020731; US 5713517 A 19980203

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EP 96402365 A 19961107; AT 96402365 T 19961107; BR 9605496 A 19961108; DE 69619198 T 19961107; DK 96402365 T 19961107; EG 95696 A 19961029; ES 96402365 T 19961107; FR 9513260 A 19951109; MX 9605433 A 19961107; NO 964660 A 19961105; PT 96402365 T 19961107; US 74448096 A 19961106