

Title (en)
Lifting and directing tie

Title (de)
Heberichtschwelle

Title (fr)
Traverse de levage et d'orientation

Publication
EP 1891271 B1 20100526 (DE)

Application
EP 06742981 A 20060518

Priority
• EP 2006004724 W 20060518
• DE 102005027758 A 20050615

Abstract (en)
[origin: WO2006133785A1] The invention relates to a method for replacing a rail for track vehicles, which is laid in a fixed running track by means of ties. According to said method, at least the old ties (11a) of the old rail (10a), which is substantially composed of running rails (14) and the old ties, are replaced with new ties (11b). Some of the old ties (11a') are first removed from the recesses thereof in the fixed substructure (13) of the running track and are replaced by lifting/directing ties (15) which are inserted into the recesses while the other old ties (11a'') initially remain in the recesses (12'') thereof and support the running rails. The remaining old ties (11a'') are replaced with new ties (11b'') once the rail has been placed in the desired vertical and lateral position with the aid of the lifting/directing ties. The lifting/directing ties are then replaced with new ties (11b') once the previously installed new ties (11b'') have been blocked in the recesses (12'') thereof in the position obtained following the vertical and lateral adjustment.

IPC 8 full level
E01B 1/00 (2006.01)

CPC (source: EP)
E01B 29/10 (2013.01)

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

DOCDB simple family (publication)
WO 2006133785 A1 20061221; AT E469268 T1 20100615; DE 102005027758 B3 20070308; DE 502006007039 D1 20100708;
EP 1891271 A1 20080227; EP 1891271 B1 20100526

DOCDB simple family (application)
EP 2006004724 W 20060518; AT 06742981 T 20060518; DE 102005027758 A 20050615; DE 502006007039 T 20060518;
EP 06742981 A 20060518