

Title (en)
Track renewal machine.

Title (de)
Gleisumbaumaschine.

Title (fr)
Machine de chantier d'une voie ferrée.

Publication
EP 0060590 A1 19820922 (FR)

Application
EP 82200271 A 19820303

Priority
CH 183281 A 19810318

Abstract (en)
1. Railway track construction machine adapted to work and/or travel at least partially on railless sleepers comprising a translation device (1) provided with at least one pair of devices rolling or sliding on supporting plates or recesses of the railless sleepers (2) driven from means connected to the machine frame (28), one portion of the machine load being supported during the working cycles by the translation device, characterized by the fact that it comprises additional devices (7, 30) supporting the machine frame (28) through vertically extensible means (16) for relieving the translation device of one fraction of its load, that said additional devices (7, 30) are disposed parallel to and outside the lateral portions of the translation device and have a length equal to the length of the area occupied by at least three successive sleepers disposed along the railway track, and that said devices (7, 30) are provided with means for bearing and travelling on the end portions of the sleepers (2).

Abstract (fr)
La machine de chantier comporte un dispositif de translation muni d'une paire de patins à rouleaux (1) et tracté par un dispositif (29) relié au châssis (28) de la machine. Les patins à rouleaux (1) sont guidés par les fraises ou les selles (3) de traverses (2). Deux dispositifs à chenilles (7) accouplés aux patins (1) par des liaisons (17, 18) permettant un déplacement vertical des chenilles (7) par rapport aux patins (1) soulagent les patins à rouleaux d'une partie de leur charge par l'intermédiaire des vérins reliés au châssis (28) de la machine et aux dispositifs à chenilles.

IPC 1-7
E01B 29/05

IPC 8 full level
E01B 29/05 (2006.01)

CPC (source: EP)
E01B 29/05 (2013.01)

Citation (search report)
• [A] CH 600046 A5 19780615 - MATISA MATERIEL IND SA
• [A] FR 2412647 A1 19790720 - PLASSER BAHNBAUMASCH FRANZ [AT], et al
• [A] FR 2095703 A5 19720211 - PLASSER BAHNBAUMASCH FRANZ
• [A] DE 2309930 A1 19740829 - FRENZEL JUERGEN

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CN110130166A; US4542697A; FR3119402A1; EP0168101A3; FR3135439A1

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AT DE FR GB IT

DOCDB simple family (publication)
EP 0060590 A1 19820922; EP 0060590 B1 19841031; AT E10122 T1 19841115; AU 8156882 A 19820923; CH 640904 A5 19840131; DE 3261092 D1 19841206; ZA 821335 B 19830126

DOCDB simple family (application)
EP 82200271 A 19820303; AT 82200271 T 19820303; AU 8156882 A 19820316; CH 183281 A 19810318; DE 3261092 T 19820303; ZA 821335 A 19820301