

Title (en)
Train for the renewal of a railway track.

Title (de)
Zug zum Erneuern eines Eisenbahngleises.

Title (fr)
Train de renouvellement d'une voie de chemin de fer.

Publication
EP 0019984 A1 19801210 (FR)

Application
EP 80200510 A 19790402

Priority
CH 417878 A 19780419

Abstract (en)
[origin: ES479737A1] A railroad track relaying train comprises, in addition to the cars for transporting the ballast screening machines and a car equipped with power-wrenches for fixing the tie-screws, a sequence of working cars including a tie- and rail-removing car, a ballast clearing car, and a tie and rail laying car, these cars being interconnected by means of coupling frames supported by caterpillar trucks adapted to keep the working cars on the selected path. The tie and rail removing car comprises an elevator capable of lifting and rotating at least one tie or a track span around ballast conveyors, in order to deposit at least one tie or track span upon a transport element. The train is capable of performing all of the operations necessary for removing the old track, excavating and screening the old ballast, and laying the new track on the screened ballast, without stopping its forward motion when removing the old track.

Abstract (fr)
Train de renouvellement comportant, outre les wagons pour le transport du matériel d'une cribleuse et un wagon de tirefonnage, une rame de wagons de travail comprenant un wagon de dépose (5), un wagon de dégarnissage (6) et un wagon de pose (7), reliés l'un à l'autre par un cadre de liaison (8; 8') muni d'un châssis à chenilles (11; 11') permettant de maintenir les wagons de travail dans la trajectoire choisie.

IPC 1-7
E01B 27/11; **E01B 29/05**; **B61D 15/00**

IPC 8 full level
E01B 27/11 (2006.01); **E01B 29/05** (2006.01)

CPC (source: EP US)
E01B 27/11 (2013.01 - EP US); **E01B 29/05** (2013.01 - EP US)

Citation (search report)

- DE 2023931 A1 19710422
- FR 1003105 A 19520314

Cited by
FR3009724A1; EP0168103A3; EP0621371A3; US5181472A; WO2015025092A1

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EP 80200510 A 19790402; AT 295279 A 19790419; CA 325764 A 19790417; CH 417878 A 19780419; EP 79200154 A 19790402; ES 479737 A 19790419; US 28990281 A 19810804; US 3081879 A 19790417