

Title (en)

TRAIN FOR THE RENEWAL OF A RAILWAY TRACK

Publication

**EP 0004985 B1 19810902 (FR)**

Application

**EP 79200154 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.

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)

Cited by

EP0085790A1; US5181472A; EP1396577A1

Designated contracting state (EPC)

BE DE FR GB IT LU NL SE

DOCDB simple family (publication)

**EP 0019984 A1 19801210**; **EP 0019984 B1 19840215**; AT 363113 B 19810710; AT A295279 A 19801215; CA 1131502 A 19820914; CH 620005 A5 19801031; EP 0004985 A1 19791031; EP 0004985 B1 19810902; ES 479737 A1 19800101; US 4307667 A 19811229; US 4428296 A 19840131

DOCDB simple family (application)

**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