

Title (en)  
RAILWAY TRACK RECONDITIONING TRAIN

Publication  
**EP 0085790 B1 19850821 (FR)**

Application  
**EP 82200150 A 19820209**

Priority  
EP 82200150 A 19820209

Abstract (en)  
[origin: EP0085790A1] 1. Train for renewing a railway track, which comprises a working car (3) consisting of a frame-car with an empty frame of a length (L) in excess of the length (l) of one track span, said car having two trucks, the rear truck (5) being on the new track and the front truck (4) on the old track and, ahead of said frame-car, a set of cars provided with equipments for loading the excavation and, at the rear of said frame-car, transport cars for transporting the track spans, the sand and the ballast, guide rails installed on said transport cars and said frame-car, two gantries (9) adapted to roll on said guide rails installed on said transport cars and said frame-car, said gantries supporting hoisting means for lifting a track span and means for handling buckets (11) for transporting the sand and ballast, and a rolling truck (10) movable on said guide rails ahead of said two gantries and from which at least one vertically adjustable excavator (12) is suspended, said excavator covering either the full width of the excavation or only a reduced width and being movable laterally or adapted to pivot for excavating the ballast, characterized in that said train is adapted to perform also the draining of the railway track and comprises for this purpose an adjustable digging device (16, 20) mounted at the rear of said excavator (12), and consisting preferably of an endless chain (14) associated with helical transverse fins (15, 15'), said digging device being provided with hydraulic cylinders (28, 29) for moving same in the vertical and longitudinal plane, said digging device being so designed that it can dig to a depth greater than the excavator and covers the full excavation width.

IPC 1-7  
**E01B 27/00**; **E01B 27/11**

IPC 8 full level  
**E01B 27/00** (2006.01); **E01B 27/11** (2006.01)

CPC (source: EP)  
**E01B 27/00** (2013.01); **E01B 27/11** (2013.01); **E01B 2203/024** (2013.01); **E01B 2203/038** (2013.01); **E01B 2203/083** (2013.01); **E01B 2203/086** (2013.01); **E01B 2203/127** (2013.01); **E01B 2203/141** (2013.01)

Cited by  
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Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL

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**EP 82200150 A 19820209**; AT 82200150 T 19820209; CA 401020 A 19820415; DD 24570482 A 19821208; DE 3265499 T 19820209; ES 511424 A 19820414