

Title (en)
CONTINUOUSLY ADVANCING WORKING DEVICE ON RAILROAD TRACK

Publication
EP 0153213 B1 19871028 (FR)

Application
EP 85400144 A 19850129

Priority
FR 8401771 A 19840206

Abstract (en)
[origin: US4733614A] The present invention relates to a continuously advancing machine for works on a railway track, comprising a main chassis mounted on bogies and provided with a mobile chassis supported working members such as ballast tamping and track lifting/shifting units. The chassis may move along the main chassis under the action of a chain driven by a motor so as to advance, during the works, step by step with respect to the track while the machine progresses continuously. The reactions of inertia are compensated by a mobile counterweight coupled to the chain so as to execute movements parallel to those of the mobile chassis but in opposite direction, the respective quantities of movement of the counterweight and of the mobile chassis including the working members being equal and opposite.

IPC 1-7
E01B 27/17

IPC 8 full level
E01B 27/17 (2006.01)

CPC (source: EP US)
E01B 27/17 (2013.01 - EP US); **E01B 2203/10** (2013.01 - EP US); **E01B 2203/12** (2013.01 - EP US); **E01B 2203/16** (2013.01 - EP US); **Y10T 74/18992** (2015.01 - EP US)

Cited by
EP0584055A1; DE3725153A1

Designated contracting state (EPC)
AT BE DE GB IT NL SE

DOCDB simple family (publication)
EP 0153213 A1 19850828; EP 0153213 B1 19871028; AT E30445 T1 19871115; DE 3560840 D1 19871203; FR 2559174 A1 19850809; FR 2559174 B1 19861024; US 4733614 A 19880329

DOCDB simple family (application)
EP 85400144 A 19850129; AT 85400144 T 19850129; DE 3560840 T 19850129; FR 8401771 A 19840206; US 69811685 A 19850204