

Title (en)
RAILWAY TRACK TAMPING MACHINE

Publication
EP 0057030 B1 19850424 (FR)

Application
EP 82200040 A 19820114

Priority
CH 42881 A 19810123

Abstract (en)
[origin: US4449459A] A track tamping machine particularly a track tamping, levelling and lining machine is equipped with at least one tamping unit including a carrier which carries tamping tools. The tamping unit is vertically movable on a sub-frame by means of a hydraulic cylinder and is fastened thereto. The sub-frame itself is suspended from the chassis of the tamping machine pivotably like a pendulum. The sub-frame has two guide columns guiding the tool carrier through its vertical motion and, at its lower end guide rollers which revolve on the rail for the purpose of centering the tamping unit. A control cylinder is activated for the purpose of swinging the tamping unit in such a way that while the machine is uniformly moving forward at constant speed, the tamping tools can perform their tamping function at subsequent ties.

IPC 1-7
E01B 27/16

IPC 8 full level
E01B 27/16 (2006.01)

CPC (source: EP US)
E01B 27/16 (2013.01 - EP US)

Cited by
US4449459A; US2022056647A1; US12049731B2; EP3669803A1; WO2020128027A1

Designated contracting state (EPC)
AT DE FR GB IT

DOCDB simple family (publication)
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