

Title (en)  
RAILROAD TAMPING MACHINE WITH OPEN TRACK TAMPING UNIT

Publication  
**EP 0195882 B1 19880817 (DE)**

Application  
**EP 85890076 A 19850325**

Priority  
EP 85890076 A 19850325

Abstract (en)  
[origin: EP0195882A1] 1. A track tamping machine (1) comprising a vertically displaceable plain-track tamping unit (15) for tamping the ballast beneath two immediately adjacent sleepers (4), comprising - for both sides (19, 20) of a rail (3) - two pairs (21, 22) of tamping tools arranged one behind the other longitudinally of the machine which consist of vibratable doubletine tamping tools (24-27) squeezable towards one another and designed to penetrate into the ballast bed on both longitudinal sides of the sleepers and on both sides of a rail, the inner tamping tools (25, 26) on the mutually opposite sides of the pairs (21, 22) of tamping tools being designed to penetrate into the same sleeper crib (30) between two immediately adjacent sleepers (4) and all the pairs (21, 22) of tamping tools with their tamping tools (24-27) connected by squeezing drives (32) being arranged on a common tool carrying frame (12) and being connected to a common vertical displacement and vibration drive (33, 34), characterized in that at least the frontmost and rearmost tamping tools (24, 27) - longitudinally of the machine - of two pairs (21, 22) of tamping tools - adjacent one another transversely of the track - of the two-sleeper tamping unit (15) each comprise, for displacement independently of the other tamping tools, a holder (35) carrying a double tine (28) which is mounted on the corresponding tamping tool to pivot about an axis (36) extending longitudinally of the machine and are each connected to a lateral displacement drive (37) arranged on the tamping tool (24, 27).

IPC 1-7  
**E01B 27/16**

IPC 8 full level  
**E01B 27/16** (2006.01)

CPC (source: EP)  
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Cited by  
CN107035216A; US5133263A; AT403934B; ES2652524A1

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DOCDB simple family (publication)  
**EP 0195882 A1 19861001; EP 0195882 B1 19880817**; AT E36567 T1 19880915; DD 239817 A5 19861008; DE 3564459 D1 19880922; ZA 86735 B 19861029

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