

Title (en)
Tamping assembly

Title (de)
Stopfaggregat

Title (fr)
Unité de bourrage

Publication
EP 0775779 B1 20040114 (DE)

Application
EP 96890163 A 19961015

Priority
AT 190395 A 19951122

Abstract (en)
[origin: EP0775779A1] The plasmatic tamper has three sets of working tools (15,16,17) which are dug into the rail bed and vibrated to tamp the ballast and align the rails. The tamping unit has one type of working system (15) with three working heads, and one type of system (16) with two heads. Using different combinations of the working tools they can be set between the sleepers of different spacing patterns. The sets of tools are arranged one behind the other along the vehicle and cover a set length of track. The working tools are set in the same longitudinal working planes. The separate tools are brought into operation, or are pulled back, by servo drives (28).

IPC 1-7
E01B 27/17

IPC 8 full level
E01B 27/16 (2006.01); **E01B 27/12** (2006.01); **E01B 27/17** (2006.01)

CPC (source: EP US)
E01B 27/17 (2013.01 - EP US)

Cited by
AT524005A1; US10208432B2; WO2011023257A1; WO2016058667A1; WO2022051788A1; WO2022002521A1

Designated contracting state (EPC)
AT CH DE FI FR GB IT LI SE

DOCDB simple family (publication)
EP 0775779 A1 19970528; EP 0775779 B1 20040114; AT E257873 T1 20040115; CA 2190909 A1 19970523; CA 2190909 C 20050628; CN 1101878 C 20030219; CN 1156774 A 19970813; CZ 286462 B6 20000412; CZ 300196 A3 19970611; DE 59610893 D1 20040219; JP 3805446 B2 20060802; JP H09177009 A 19970708; PL 182377 B1 20011231; PL 317140 A1 19970526; RU 2110635 C1 19980510; US 5706734 A 19980113

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EP 96890163 A 19961015; AT 96890163 T 19961015; CA 2190909 A 19961121; CN 96112097 A 19961120; CZ 300196 A 19961014; DE 59610893 T 19961015; JP 31063996 A 19961121; PL 31714096 A 19961120; RU 96122075 A 19961113; US 74746196 A 19961112