

Title (en)  
MOBILE TRACK-TREATING MACHINE FOR REMOVING, CLEANING AND REINTRODUCING BALLAST WITH A BALLAST COMPACTING DEVICE

Publication  
**EP 0239712 B1 19880831 (DE)**

Application  
**EP 86890088 A 19860402**

Priority  
EP 86890088 A 19860402

Abstract (en)  
[origin: EP0239712A1] 1. A travelling on track maintenance machine, more especially a ballast bed cleaning machine (1, 53), comprising a conveying and clearing chain (9, 58) for taking up the ballast from under the track (8), a sieve arrangement (17, 59) chargeable with the ballast taken up and an arrangement for reintroducing the cleaned ballast by ejection above the track into the region behind the conveying and clearing chain (9, 58) and further comprising a ballast consolidating unit (16, 61) formed by a beam which is guided beneath the track panel consisting of sleepers and rails, extending transversely of the longitudinal axis of the machine, and which at either end is fixed to the machine frame (10, 54) by a pillar (33, 62) connected to a drive (38, 63), characterized in that the ballast consolidating unit (16, 61) in the form of a plate-like consolidating beam (37, 64) is arranged in the immediate vicinity of or in front of the ballast ejected onto the formation and in that the drive (38, 63) connected to the pillar (33, 62) is designed for continuous oscillating reciprocation substantially in the plane of the track for preconsolidation of the ballast against the working direction.

IPC 1-7  
**E01B 27/10**

IPC 8 full level  
**E01B 27/06** (2006.01); **E01B 27/02** (2006.01); **E01B 27/10** (2006.01)

CPC (source: EP)  
**E01B 27/10** (2013.01)

Cited by  
EA037274B1; US4911246A; EP0761880A1; US11313083B2; US10900178B2; WO2009021478A1; WO2017140408A1

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

DOCDB simple family (publication)  
**EP 0239712 A1 19871007; EP 0239712 B1 19880831**; AT E36878 T1 19880915; AU 583690 B2 19890504; AU 6639086 A 19871008; CA 1295188 C 19920204; DD 257655 A5 19880622; DE 3660630 D1 19881006; JP H0568562 B2 19930929; JP S62233304 A 19871013; SU 1505446 A3 19890830

DOCDB simple family (application)  
**EP 86890088 A 19860402**; AT 86890088 T 19860402; AU 6639086 A 19861210; CA 529890 A 19870217; DD 30126387 A 19870330; DE 3660630 T 19860402; JP 1214587 A 19870121; SU 4202120 A 19870313