

Title (en)

Grain distribution for ballast for a railway track ballast

Title (de)

Schotterzusammensetzung für ein Eisenbahn-Gleisbett

Title (fr)

Composition granulométrique d'un ballast d'une voie ferrée

Publication

**EP 0835958 A3 19990428 (DE)**

Application

**EP 97105503 A 19970403**

Priority

DE 19641716 A 19961010

Abstract (en)

[origin: EP0835958A2] The ballast is lifted and processed to remove particles below a set minimum diameter. The mix of particle sizes in the cleaned ballast is determined and new ballast and chippings are added to obtain an optimum mix which will provide a good lateral support for the rails water drainage. The ballast mix provides more contact with the sleepers. The particle size has a minimum of 2 to 8 mm, with an absolute minimum of 2 mm. The particle size mix follows a programmed characteristic.

IPC 1-7

**E01B 1/00**; E01B 27/00; E01B 37/00

IPC 8 full level

**E01B 1/00** (2006.01)

CPC (source: EP)

**E01B 1/008** (2013.01); **E01B 2204/16** (2013.01)

Citation (search report)

- [A] DE 9306779 U1 19930715
- [A] DE 4301182 A1 19940721 - MOEBIUS JOSEF BAU [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 417 (M - 1457) 4 August 1993 (1993-08-04)

Cited by

EP1323864A3; EP1323864A2

Designated contracting state (EPC)

DE FR GB IT

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