

Title (en)

Apparatus and method for ballast replacement

Title (de)

Maschine und Verfahren zur Erneuerung von Schotter

Title (fr)

Machine et méthode pour remplacer le ballast

Publication

**EP 1275781 A2 20030115 (EN)**

Application

**EP 02254787 A 20020709**

Priority

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Abstract (en)

The present invention provides apparatus for the continuous replacement of ballast material beneath a railway track comprising rails (10A, 10B), mounted on sleepers (11A, 11B). The apparatus comprises: (a) means to cut an elongate trench (12) adjacent one rail (10B) of the track and extending in a direction substantially parallel to said rail; (b) means (13) to remove ballast material from beneath one or more of the sleepers (11B) and to convey said ballast material to a collector means (14) located in said trench; (c) collector means (14) to collect said removed ballast material and to deposit it on a conveying means (15); (d) means (15) to convey the deposited collected ballast material to a disposal means; and (e) means to replace the removed ballast with fresh ballast; wherein at least said means (b) and (c) are in operative association with each other. <IMAGE>

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