

Title (en)

Apparatus and method for removing an existing railway track and laying a new track

Title (de)

Maschine und Verfahren zum Entfernen eines Altgleises und zur Verlegung eines Neugleises

Title (fr)

Appareil et méthode de dépose d'une voie ferrée existante et pose d'une nouvelle voie

Publication

EP 1162311 A3 20030402 (DE)

Application

EP 01890122 A 20010426

Priority

AT 4322000 U 20000609

Abstract (en)

[origin: EP1162311A2] The machine has a first sleeper transporter unit (21) to lift old sleepers (23), and a second sleeper transporter unit (25) to deposit new sleepers (27) on a prepared ballast layer. Each of the transporter units carries a coupling device (37,38) for detachable connection to an old sleeper lifting device (36). The lifting device is moved by drives from a working position to lift old sleepers from the ballast bed, into an out-of-use position. A sleeper conveyor (45,50) associated with first/second sleeper transporter, for old/new sleepers, has a turning drive (46,51), which can be reversed.

IPC 1-7

E01B 29/05

IPC 8 full level

E01B 29/05 (2006.01); **E01B 29/00** (2006.01); **E01B 29/06** (2006.01)

CPC (source: EP US)

E01B 29/06 (2013.01 - EP US)

Citation (search report)

- [DA] EP 0621371 B1 19970514 - PLASSER BAHNBAUMASCH FRANZ [AT]
- [A] US 5092247 A 19920303 - AUBERMANN TIBOR [CH]
- [A] CH 598415 A5 19780428 - VANOLI CARLO AG
- [A] IT 1210796 B 19890920 - VALDITERRA ENRICO [IT]

Cited by

WO2010097628A1; EP1396577A1; WO2012095152A1; EP4361347A1

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