

Title (en)  
Cooling bed for rails

Title (de)  
Kühlbett für Schienen

Title (fr)  
Lit de refroidissement pour rails

Publication  
**EP 0834355 B1 20011212 (DE)**

Application  
**EP 97116481 A 19970922**

Priority  
DE 19639482 A 19960926

Abstract (en)  
[origin: US5913930A] A cooling bed for rails (3) with an apparatus (12) which is intended for transferring the rails (3) onto the cooling bed (1) from an infeeding roller table (2) and is set up to bend the rails (3) counter to the bending which they undergo during cooling is constructed as follows: Said apparatus (12) has supports (25) which can be raised and lowered, can be displaced into the cooling bed (1) from the roller table (2) and are intended for the rails (3). In each case one abutment which is directed towards the underside of the rail foot and one abutment which is directed towards the top side of the rail foot are arranged on supports (25). The displacement paths of the supports (25) are controlled in accordance with the desired bending. The front abutment (37), as seen in the direction of displacement, can be let down into the support (25) by pivoting forwards and downwards. The rear abutment (39), as seen in the direction of displacement, can be drawn back behind a shoulder of the support (25) by pivoting upwards and rearwards.

IPC 1-7  
**B21B 43/00**

IPC 8 full level  
**B21B 1/085** (2006.01); **B21B 43/00** (2006.01); **B21D 3/10** (2006.01); **B21B 15/00** (2006.01); **B21B 39/00** (2006.01); **B21B 43/02** (2006.01)

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**B21B 43/003** (2013.01 - EP US); **E01B 31/08** (2013.01 - KR); **E01B 31/18** (2013.01 - KR); **B21B 39/004** (2013.01 - EP US); **B21B 43/02** (2013.01 - EP US); **B21B 2015/0071** (2013.01 - EP US); **E01B 2203/14** (2013.01 - KR)

Cited by  
CN109513748A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 5913930 A 19990622**; AT E210513 T1 20011215; CA 2216350 A1 19980326; DE 19639482 A1 19980402; DE 59705753 D1 20020124; EP 0834355 A1 19980408; EP 0834355 B1 20011212; ES 2168565 T3 20020616; JP H10175013 A 19980630; KR 19980024816 A 19980706; TW 344684 B 19981111

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