

Title (en)

Flexible process and plant for making concrete railway sleepers

Title (de)

Verfahren und Vorrichtung zur variablen Fertigung von Betonschwellen

Title (fr)

Procédé et installation flexibles pour la fabrication de traverses de chemin de fer en béton

Publication

EP 0979713 B1 20030709 (DE)

Application

EP 99110373 A 19990528

Priority

DE 19836320 A 19980811

Abstract (en)

[origin: EP0979713A2] The sleeper production process involves cleaning the molds at a preparation point (1) and fitting the with armature if required before filling them at a concreting and shaking-down point (2). The sleepers are set by a heat treatment process. The sleepers are made in multiple molds and the heat treatment is in heat chambers (16-29).

IPC 1-7

B28B 15/00; **B28B 11/24**; **B28B 7/24**

IPC 8 full level

B28B 7/24 (2006.01); **B28B 11/24** (2006.01); **B28B 15/00** (2006.01)

CPC (source: EP US)

B28B 7/0005 (2013.01 - EP); **B28B 15/00** (2013.01 - EP US)

Cited by

CN111186012A; EP2361739A1; CN111558991A; CN113199610A; WO03012225A2

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EP 0979713 A2 20000216; **EP 0979713 A3 20011017**; **EP 0979713 B1 20030709**; AT E244627 T1 20030715; BR 9903580 A 20010320; DE 19836320 A1 20000224; DE 19836320 C2 20020620; ES 2197544 T3 20040101; PT 979713 E 20031128; SI 0979713 T1 20040229; TW 420630 B 20010201; US 6383420 B1 20020507

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