

Title (en)

Device for adjusting fastening elements embedded in concrete sleepers and sleeper mould

Title (de)

Korrektureinrichtung zur Korrektur von in Betonschwellen eingebetteten Halterungselementen und Schwellenform

Title (fr)

Dispositif pour régler des éléments de fixation noyés dans le béton et moule pour traverse

Publication

EP 1359253 A3 20050316 (DE)

Application

EP 03007544 A 20030401

Priority

DE 10219331 A 20020430

Abstract (en)

[origin: EP1359253A2] A device for correcting the relative positions of holding elements and tie shapes embedded in not fully set concrete ties (10) for railroad lines has at least two adjustable gages (20,22) with movable positioning elements (34) to lay a holding element (12) in a given position to correct its relative position. Independent claims are also included for the following: (a) a process for correcting the position as above; (b) a tie shape for tie production (c) a mold for ties; and (d) a frame for the tie mold

IPC 1-7

E01B 29/42

IPC 8 full level

E01B 29/32 (2006.01); **E01B 29/42** (2006.01)

CPC (source: EP)

E01B 29/32 (2013.01); **E01B 29/42** (2013.01)

Citation (search report)

- [DAX] WO 0100929 A1 20010104 - LEONHARD MOLL BETONWERKE GMBH [DE], et al
- [XA] WO 9626820 A1 19960906 - GRIMBERGEN HOLDING B V [NL], et al
- [A] US 4666123 A 19870519 - ABE GENJI [JP], et al
- [A] WO 9325756 A1 19931223 - ABETONG TEKNIK AB [SE], et al

Cited by

CN108532384A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

EP 1359253 A2 20031105; **EP 1359253 A3 20050316**; **EP 1359253 B1 20090715**; DE 10219331 A1 20031113; DE 50311701 D1 20090827

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