

Title (en)

FORMWORK FOR A PRECISION CONCRETE COMPONENT DESIGNED AS A RAILROAD TIE

Title (de)

SCHALUNG FÜR EIN ALS BAHNSCHWELLE AUSGESTALTETES PRÄZISIONS-BETONTEIL

Title (fr)

COFFRAGE POUR UNE PIÈCE EN BÉTON DE PRÉCISION FORMANT UNE TRAVERSE DE CHEMIN DE FER

Publication

EP 2416933 B1 20150805 (DE)

Application

EP 10718447 A 20100409

Priority

- DE 2010000400 W 20100409
- DE 102009016804 A 20090409

Abstract (en)

[origin: WO2010127652A1] The invention relates to formwork (1) for producing a railroad tie, wherein the formwork (1) comprises a form cavity into which concrete can be filled for creating the railroad tie, and wherein the topography of the formwork (1) facing the form cavity determines the exterior design of the railroad tie to be produced, designated as a precision concrete component, and wherein the formwork (1) has a precision surface (6) determining the surface of a segment of the railroad tie to be produced to be made with a low tolerance, and wherein the formwork (1) comprises an exterior, strong wall (2), and the precision surface (6) and an area of the topography of the formwork (1) facing the form cavity extending beyond the precision surface is formed by a molded component (5) securely connected to the wall (2).

IPC 8 full level

B28B 7/34 (2006.01); **B28B 7/36** (2006.01)

CPC (source: EP)

B28B 7/346 (2013.01); **B28B 7/364** (2013.01)

Citation (examination)

- NL 1034417 C1 20090324 - LEENSTRA MACHINE EN STAALBOUW [NL]
- DE 3603527 A1 19860814 - MNK RAKENNUS OY [FI]
- GB 2113600 A 19830810 - VAGNEUX TRAVERSES BETON

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 102009016804 A1 20101014; EP 2416933 A1 20120215; EP 2416933 B1 20150805; WO 2010127652 A1 20101111

DOCDB simple family (application)

DE 102009016804 A 20090409; DE 2010000400 W 20100409; EP 10718447 A 20100409