

Title (en)
Production method for a tongue device

Title (de)
Fertigungsverfahren für eine Zungenvorrichtung

Title (fr)
Procédé de fabrication pour un dispositif de lame

Publication
EP 2520712 B1 20170830 (DE)

Application
EP 12003015 A 20120430

Priority
DE 102011100511 A 20110504

Abstract (en)
[origin: EP2520712A2] The method involves welding components such as a stock rail (2), a splice rail (3), a tongue welding rail (5), a slide plate (6) and a tongue clamping block (8) of a tongue device to a base plate (1) that forms a tongue bed, where a tongue carrier is arranged between the splice rail and the stock rail. The tongue device with the base plate and the welded components is reworked, where a soft tongue (4) is pivotably arranged between the stock rail and the splice rail. The tongue device is remachined with respect to a single reference point. An independent claim is also included for a tongue device.

IPC 8 full level
E01B 7/02 (2006.01)

CPC (source: EP)
E01B 7/02 (2013.01)

Citation (opposition)
Opponent : voestalpine VAE GmbH,
• US 2069904 A 19370209 - VANGEL THEODOS
• EP 0270763 A1 19880615 - THYSEN INDUSTRIE [DE]
• DE 9218908 U1 19960411 - VER WEICHENBAU GMBH [DE]
• DE 4447926 B4 20060831 - BUTZBACHER WEICHENBAU GMBH [DE]
• DE 102004047819 A1 20060223 - SCHRECK MIEVES GMBH [DE]
• DE 102009026049 A1 20101230 - VOESTALPINE BWG GMBH & CO KG [DE]
• US 1564340 A 19251208 - GARLICK MAURICE C

Cited by
DE102017109633A1; EP3026176A1; EP3399102A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2520712 A2 20121107; EP 2520712 A3 20150401; EP 2520712 B1 20170830; DE 102011100511 A1 20121108;
DE 102011100511 B4 20121115; DK 2520712 T3 20171211; ES 2649591 T3 20180112; HR P20171840 T1 20180112;
NO 2520712 T3 20180127; PL 2520712 T3 20180228; PT 2520712 T 20171206; RS 57151 B1 20180731; SI 2520712 T1 20180131

DOCDB simple family (application)
EP 12003015 A 20120430; DE 102011100511 A 20110504; DK 12003015 T 20120430; ES 12003015 T 20120430; HR P20171840 T 20171124;
NO 12003015 A 20120430; PL 12003015 T 20120430; PT 12003015 T 20120430; RS P20171219 A 20120430; SI 201231129 T 20120430