

Title (en)

Locking components for position tongue lock devices, position tongue lock device and points with position tongue lock device

Title (de)

Verschlusskomponente für Stellungen-Verschlussvorrichtung, Stellungen-Verschlussvorrichtung und Weiche mit Stellungen-Verschlussvorrichtung

Title (fr)

Composant de fermeture pour dispositif de fermeture à languette, dispositif de fermeture à languette et aiguillage doté d'un dispositif de fermeture à languette

Publication

EP 2236384 B1 20130814 (DE)

Application

EP 10158208 A 20100329

Priority

DE 102009001971 A 20090330

Abstract (en)

[origin: EP2236384A2] The components (14,16,18,22) to position and lock the switch tongue (12), of railway direction change points, have a metal cladding welded to a core at least where they are in contact with other components. The cladding is a sliding bearing material.

IPC 8 full level

B61L 5/10 (2006.01)

CPC (source: EP)

B61L 5/10 (2013.01)

Cited by

EP2703249A1; EP2657101A1; EP2243681A3; DE202012103261U1; EP2511151A1; FR2974051A1; ITFI20120166A1; CN108016465A; WO2014024127A3; WO2013160168A1

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)

EP 2236384 A2 20101006; EP 2236384 A3 20110525; EP 2236384 B1 20130814; DE 102009001971 A1 20101007

DOCDB simple family (application)

EP 10158208 A 20100329; DE 102009001971 A 20090330