

Title (en)

Securing element for a clamp lock for a points positioning system

Title (de)

Sicherungselement für einen Klammerverschluss für ein Weichenstellsystem

Title (fr)

Élément de sécurisation pour une fermeture à ressort pour un système d'aiguillage

Publication

EP 2591972 A3 20160302 (DE)

Application

EP 12191810 A 20121108

Priority

DE 102011086077 A 20111110

Abstract (en)

[origin: EP2591972A2] The element has an upper cover region comprising a securing portion for securing against unscrewing of a tongue attachment screw between a position tongue and a pin joint (10). A lateral cover region is integrally formed with and arranged vertical to the upper cover region. Two securing areas are integrally formed with the lateral cover region, aligned vertical to the cover regions and spaced from the upper cover region. Each securing area secures an eccentric cam region (24) and a fastening nut (28) for fastening of a retaining clamp (18) at the pin joint against unintended removal.

IPC 8 full level

B61L 5/10 (2006.01)

CPC (source: EP)

B61L 5/10 (2013.01)

Citation (search report)

- [YA] DE 2400628 A1 19750717 - SCHWAEBISCHE HUETTENWERKE GMBH
- [Y] DE 547034 C 19320723 - ALOIS ROLF

Cited by

EP3693246A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2591972 A2 20130515; EP 2591972 A3 20160302; EP 2591972 B1 20170104; DE 102011086077 A1 20130516; DK 2591972 T3 20170213; DK 2591972 T5 20170403; ES 2620852 T3 20170629; PL 2591972 T3 20170929; PT 2591972 T 20170210

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EP 12191810 A 20121108; DE 102011086077 A 20111110; DK 12191810 T 20121108; ES 12191810 T 20121108; PL 12191810 T 20121108; PT 12191810 T 20121108