

Title (en)

Creeping device of movable frog

Title (de)

Antrieb für bewegliches Herzstück

Title (fr)

Dispositif pour entraîner un coeur de croisement à pointe mobile

Publication

**EP 2743154 B1 20190116 (EN)**

Application

**EP 13466033 A 20131209**

Priority

CZ 201227170 U 20121213

Abstract (en)

[origin: EP2743154A2] Creeping device of the movable toe of frogs consists of the carriage (4) connected via the tenon (5) with the movable toe (2) of the frog (12) and pushed by a spring (6) with the wheels (41) to the cam route (3) on the bottom side of the board (9) detachably connected from bottom to wing rails (1).

IPC 8 full level

**B61L 5/10** (2006.01); **B61L 5/02** (2006.01)

CPC (source: EP)

**B61L 5/02** (2013.01); **B61L 5/10** (2013.01)

Cited by

CN109315353A; US10260202B2

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 2743154 A2 20140618; EP 2743154 A3 20170412; EP 2743154 B1 20190116**; AU 2013270561 A1 20140703; CZ 24854 U1 20130121

DOCDB simple family (application)

**EP 13466033 A 20131209**; AU 2013270561 A 20131212; CZ 201227170 U 20121213