

Title (en)

Spring clamp element and terminal

Title (de)

Federklemmelement und Reihenklemme

Title (fr)

Élément de serrage de ressort et bornier

Publication

EP 2395605 B1 20130731 (DE)

Application

EP 11004184 A 20110520

Priority

DE 102010023423 A 20100611

Abstract (en)

[origin: EP2395605A1] The spring clamping element (1) has a current rail piece (2) and a pull bow (3) which is movably supported at the current rail piece relative to the current rail piece, where the pull bow has a clamping edge (5a,5b) for clamping an electrical conductor between the clamping edge and current rail piece. An actuating cylinder (10) is rotated with a screw thread and is supported at the pull bow or at current rail piece in extension direction of the actuating cylinder. An independent claim is also included for a series terminal with an insulating housing.

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: EP US)

H01R 4/4872 (2013.01 - EP US); **H01R 9/26** (2013.01 - EP US)

Cited by

DE102015112433A1; WO2017016751A1; DE102015112433B4; US9601844B2; WO2015032718A1

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 2395605 A1 20111214; EP 2395605 B1 20130731; CN 102332641 A 20120125; CN 102332641 B 20150401; DE 102010023423 A1 20111215; ES 2433115 T3 20131209; JP 2012004111 A 20120105; JP 5751937 B2 20150722; PL 2395605 T3 20140131; US 2012028483 A1 20120202; US 8308516 B2 20121113

DOCDB simple family (application)

EP 11004184 A 20110520; CN 201110157140 A 20110613; DE 102010023423 A 20100611; ES 11004184 T 20110520; JP 2011129303 A 20110609; PL 11004184 T 20110520; US 201113117392 A 20110527