

Title (en)
CLAMPING SPRING

Title (de)
KLEMMFEDER

Title (fr)
RESSORT DE SERRAGE

Publication
EP 3044834 A1 20160720 (DE)

Application
EP 14759148 A 20140903

Priority
• DE 102013109802 A 20130909
• EP 2014068667 W 20140903

Abstract (en)
[origin: WO2015032788A1] The invention relates to a clamping spring (1) for installing on a circuit board (31), comprising a spring leg (5) for contacting a conductor (21) in a clamping manner and a contact region (33) for contacting the circuit board (31), wherein the clamping spring (1) has a one-piece design, the spring leg (5) has an actuating element (27) for stopping the clamping, and the clamping spring (1) has a guiding element (7), which is arranged in such a way that a tool for actuating the actuating element (27) can be inserted between the spring leg (5) and the guiding element (7). The invention further relates to a circuit board (31), comprising a conducting track (39) and an aforementioned clamping spring (1), wherein the clamping spring (1) is connected to the conducting track (39) in an electrically conductive manner.

IPC 8 full level
H01R 4/48 (2006.01); **H01R 12/75** (2011.01)

CPC (source: EP US)
H01R 4/48185 (2023.08 - US); **H01R 4/48365** (2023.08 - EP US); **H01R 12/57** (2013.01 - US); **H01R 12/75** (2013.01 - EP US)

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)
DE 102013109802 A1 20150312; CN 105531874 A 20160427; CN 105531874 B 20180105; EP 3044834 A1 20160720;
EP 3044834 B1 20180926; US 2016197418 A1 20160707; US 9711876 B2 20170718; WO 2015032788 A1 20150312

DOCDB simple family (application)
DE 102013109802 A 20130909; CN 201480049695 A 20140903; EP 14759148 A 20140903; EP 2014068667 W 20140903;
US 201414917043 A 20140903