

Title (en)
SPRING ELECTRICAL CONNECTION TERMINAL

Title (de)
ELEKTRISCHE FEDERANSCHLUSSKLEMME

Title (fr)
BORNE DE CONNEXION ÉLECTRIQUE DE RESSORT

Publication
EP 2993734 A1 20160309 (EN)

Application
EP 15183621 A 20150903

Priority
IT RM20140502 A 20140904

Abstract (en)
Terminal (1) for electrical spring connection, comprising: - an electrically conductive element (2) configured to operate as electricity busbar; - a leaf spring (3) configured to be operatively coupled to the electrically conductive element (2) to lock in a removable manner against the electrically conductive element (2) at least one electrical conductor (W). The electrically conductive element (2) comprises a support wall (5) adapted to define a first reference plane (P) and at least one first side wall (6) joined to the support wall (5) and extending along a direction substantially orthogonal to the first reference plane (P), said at least one first side wall (6) comprising a first free end (8), opposite to one end joined to the support wall (5), adapted to contact said at least one electrical conductor (W), on action of the leaf spring (3) between said support wall (5) and said first free end (8) of said at least one first side wall. The first free end (8) of said at least one first side wall comprises a first upper contact portion (8') having a distance from the support wall (5), along a direction substantially orthogonal to said first reference plane (P), equal to a set first value, the first free end (8) also comprising a second lower contact portion (8'') having a distance from the support wall (5), along a direction substantially orthogonal to the first reference plane (P), equal to a set second value, different from said set first value.

IPC 8 full level
H01R 4/48 (2006.01); **H01R 24/78** (2011.01)

CPC (source: EP)
H01R 4/4821 (2023.08); **H01R 4/483** (2023.08); **H01R 4/4837** (2023.08); **H01R 4/485** (2023.08); **H01R 24/78** (2013.01)

Citation (search report)
• [XYI] JP S5453283 A 19790426 - MATSUSHITA ELECTRIC WORKS LTD
• [Y] EP 1638168 A1 20060322 - ALOMBARD SAS [FR]
• [A] JP 2006012635 A 20060112 - MATSUSHITA ELECTRIC WORKS LTD
• [A] US 2004014353 A1 20040122 - FEYE-HOHMANN JUERGEN [DE]
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Cited by
CN111477479A; FR3073681A1; GB2580436A; GB2580436B; EP3226352A1; CN107240786A

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 2993734 A1 20160309

DOCDB simple family (application)
EP 15183621 A 20150903