

Title (en)
LEAF SPRING AND CONNECTION TERMINAL BLOCK

Title (de)
BLATTFEDER UND ANSCHLUSSLEISTE

Title (fr)
RESSORT À LAMES ET BORNIER DE CONNEXION

Publication
EP 3499647 A4 20190821 (EN)

Application
EP 18845457 A 20180723

Priority
• JP 2017171065 A 20170906
• JP 2018027528 W 20180723

Abstract (en)
[origin: EP3499647A1] Included is a linear shaped free end-side region (51) arranged such that a leading end (51a) of the region (51) projects toward a back side in an insertion direction and a terminal path (56), and a plate surface of the region (51) intersects with the terminal path (56). At an insertion position where a leading end (19a) of a terminal portion (19) reaches the leading end (51a) of the free end-side region (51), an angle (β) formed by the terminal portion (19) and the free end-side region (51) is within 45 degrees \pm 2 degrees.

IPC 8 full level
H01R 4/48 (2006.01)

CPC (source: EP)
H01R 4/48 (2013.01); **H01R 4/4821** (2023.08); **H01R 4/4842** (2023.08)

Citation (search report)
• [I] JP 2001176576 A 20010629 - MATSUSHITA ELECTRIC WORKS LTD, et al
• [A] US 2012108099 A1 20120503 - HANNING WALTER [DE], et al
• [A] JP 2000195577 A 20000714 - MITSUBISHI ELECTRIC CORP, et al
• See also references of WO 2019049533A1

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 3499647 A1 20190619; EP 3499647 A4 20190821; CN 109757121 A 20190514; CN 109757121 B 20210312; JP 6888670 B2 20210616; JP WO2019049533 A1 20191107; WO 2019049533 A1 20190314

DOCDB simple family (application)
EP 18845457 A 20180723; CN 201880003312 A 20180723; JP 2018027528 W 20180723; JP 2019512320 A 20180723