

Title (en)
ELECTRICAL SERIES TERMINAL

Title (de)
ELEKTRISCHE REIHENKLEMME

Title (fr)
BORNE DE CONNEXION ÉLECTRIQUE

Publication
EP 2847829 A1 20150318 (DE)

Application
EP 13725271 A 20130503

Priority
• DE 102012009286 A 20120511
• EP 2013001312 W 20130503

Abstract (en)
[origin: WO2013167253A1] The invention relates to an electrical series terminal (1) and a series terminal block (100) comprising two series terminals (1) for mechanical engineering and industrial usage. A series terminal (1) has a first connecting section (10) and a second connecting section (20), and a functional zone (2) between the first connecting section (10) and the second connecting section (20). The first connecting section (10) is connected via an associated current bar (11) to a first functional contact (12). The second connecting section (20) is connected via an associated current bar (21) to a second functional contact (22). The functional zone (2) is suitable for and designed for selectively and alternately receiving and contacting various functional elements (3-6). When a functional element (3) is introduced into the functional zone (2), the functional element (3) can be connected to the first and second functional contact (12, 22). On the sides of the functional zone (2), two connecting shafts (13, 14; 23, 24) are provided on the first and second connecting sections (10, 20), respectively.

IPC 8 full level
H01R 9/26 (2006.01)

CPC (source: CN EP US)
F03D 7/0224 (2013.01 - EP); **F03D 80/00** (2016.05 - EP US); **H01R 4/4846** (2023.08 - CN EP); **H01R 9/2408** (2013.01 - US); **H01R 9/26** (2013.01 - EP); **H01R 9/2608** (2013.01 - US); **H01R 9/2625** (2013.01 - CN EP US); **H01R 9/2633** (2013.01 - EP); **H01R 9/265** (2013.01 - CN EP US); **H01R 9/2675** (2013.01 - CN EP US); **F05B 2260/79** (2013.01 - EP); **F05B 2260/845** (2013.01 - EP); **H01R 4/4821** (2023.08 - CN EP); **H01R 4/4833** (2023.08 - CN EP); **H01R 31/085** (2013.01 - EP); **Y02E 10/72** (2013.01 - EP); **Y02P 80/20** (2015.11 - EP)

Citation (examination)
• EP 1507315 A1 20050216 - PHOENIX CONTACT GMBH & CO [DE]
• DE 202010015297 U1 20120214 - WEIDMUELLER INTERFACE [DE]
• See also references of WO 2013167253A1

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 102012009286 A1 20131114; CN 104321933 A 20150128; CN 104321933 B 20170915; DE 202012013526 U1 20170616; EP 2847829 A1 20150318; JP 2015519701 A 20150709; JP 6408460 B2 20181017; US 2015147907 A1 20150528; US 9455509 B2 20160927; WO 2013167253 A1 20131114

DOCDB simple family (application)
DE 102012009286 A 20120511; CN 201380024685 A 20130503; DE 202012013526 U 20120511; EP 13725271 A 20130503; EP 2013001312 W 20130503; JP 2015510675 A 20130503; US 201314400353 A 20130503