

Title (en)
Electric clamp component

Title (de)
Elektrisches Klemmenbauelement

Title (fr)
Composant de pince électrique

Publication
EP 2456011 A3 20120815 (DE)

Application
EP 11009250 A 20111122

Priority
DE 102010051899 A 20101122

Abstract (en)
[origin: EP2456011A2] The electrical terminal device has a built-in bus bar (7) that is positioned in insulating material housing and comprised with a flat conductor rail section having four projecting sidewalls (10), and protruding terminal points for contacting with contact wall (11) of an electric conductor. The feed-through openings (8a-8d) are formed in the sidewalls along longitudinal extension direction (T) of the conductor and are arranged in pairs.

IPC 8 full level
H01R 4/48 (2006.01); **H01R 31/08** (2006.01)

CPC (source: EP US)
H01R 4/48185 (2023.08 - US); **H01R 4/485** (2023.08 - EP); **H01R 31/085** (2013.01 - EP US); **H01R 4/4821** (2023.08 - EP);
H01R 4/4842 (2023.08 - EP)

Citation (search report)

- [IA] DE 102008047526 A1 20100415 - WAGO VERWALTUNGS GMBH [DE]
- [X] DE 102004047147 A1 20060413 - LANGMATZ LIC GMBH [DE]
- [A] DE 10239273 A1 20040304 - WAGO VERWALTUNGS GMBH [DE]
- [A] DE 102008055721 A1 20100512 - KLEMSAN ELECTRIC ELECTRONICS I [TR]
- [A] EP 1357655 A2 20031029 - BARTEC GMBH [DE]

Cited by
EP2698874A1; DE102022103633A1; WO2023156459A1; DE102020008160A1; US8932075B2; WO2015155092A1; DE102020128775A1; DE102020128775B4

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 2456011 A2 20120523; EP 2456011 A3 20120815; EP 2456011 B1 20161026; CN 102544778 A 20120704; CN 102544778 B 20151125;
DE 102010051899 A1 20120524; DE 102010051899 B4 20150326; US 2012196459 A1 20120802; US 8491327 B2 20130723

DOCDB simple family (application)
EP 11009250 A 20111122; CN 201110463185 A 20111122; DE 102010051899 A 20101122; US 201113301919 A 20111122