

Title (en)
ELECTRICAL TERMINAL BLOCK

Title (de)
ELEKTRISCHER KLEMMENBLOCK

Title (fr)
BLOC DE JONCTION ÉLECTRIQUE

Publication
EP 3114733 B1 20210407 (DE)

Application
EP 15706240 A 20150225

Priority
• DE 102014102845 A 20140304
• EP 2015053866 W 20150225

Abstract (en)
[origin: WO2015132099A1] The invention relates to an arrangement comprising a terminal block (10), a discharge resistor (70) and a capacitor, wherein the terminal block (10) has at least one housing (20) having a first plug-in opening (21) and a second plug-in opening (22), and a clamping body (30) comprising a contact metal (34), a first spring (31) and a second spring (32) is arranged within the housing (20), wherein the capacitor has at least one capacitor wire (60), and the capacitor wire (60) is inserted through the second plug-in opening (22) in the housing (20) and clamped to the contact metal (34) via the second spring (32) with electrical contact being made between said contact metal and said capacitor wire, wherein the discharge resistor (70) has a plug-in contact (71), and the plug-in contact (71) is plugged in through the first plug-in opening (21) in the housing (20). The invention provides that the plug-in contact (71) of the discharge resistor (70) is clamped to the contact metal (34) via the first spring (31) with electrical contact being made between said plug-in contact and said contact metal. In this way, an arrangement comprising a terminal block, a discharge resistor and a capacitor is specified, wherein electrical contact is made easily and safely between the discharge resistor and the terminal block.

IPC 8 full level
H01R 13/66 (2006.01); **H01R 4/48** (2006.01)

CPC (source: EP US)
H01R 4/4821 (2023.08 - EP US); **H01R 4/4833** (2023.08 - EP US); **H01R 13/502** (2013.01 - US); **H01R 13/66** (2013.01 - US); **H01R 13/6616** (2013.01 - EP US); **H01R 4/483** (2023.08 - EP US); **H01R 4/485** (2023.08 - EP US)

Citation (examination)
DE 7739580 U1 19780406

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

DOCDB simple family (publication)
DE 102014102845 A1 20150910; CN 106063038 A 20161026; CN 106063038 B 20190312; EP 3114733 A1 20170111; EP 3114733 B1 20210407; US 10062976 B2 20180828; US 2017069980 A1 20170309; WO 2015132099 A1 20150911

DOCDB simple family (application)
DE 102014102845 A 20140304; CN 201580012001 A 20150225; EP 15706240 A 20150225; EP 2015053866 W 20150225; US 201515122640 A 20150225