

Title (en)  
Auxiliary connection for terminal blocks

Title (de)  
Zusatzanschluss für Reihenklemmen

Title (fr)  
Raccordement supplémentaire pour des barettes à bornes

Publication  
**EP 1928059 A1 20080604 (DE)**

Application  
**EP 07117040 A 20070924**

Priority  
DE 202006018152 U 20061128

Abstract (en)  
The auxiliary connection (1) has an insulator housing (2), in which a connector (6) for realizing a line connection is arranged. The connector is connected with a screw and socket arrangement (8), which has a screw (9) and a socket (12) that is designed for contacting an opening of a terminal block and for conductively contacting a bus bar and/or an interconnection unit of the terminal block. The socket is designed in an exchangeable manner, so that an additional connection is formed by exchange of the socket for contacting the socket with the interconnection unit. An independent claim is also included for a system of auxiliary connections.

Abstract (de)  
Zusatzanschluss (1) für Reihenklemmen, der ein Isolierstoffgehäuse (2) aufweist, in dem ein Anschluss (6) zur Realisierung eines Leiteranschlusses angeordnet ist, der leitend mit einer Schrauben-/Hülseanordnung (8) verbunden ist, die eine Schraube (9) und eine Hülse (12) aufweist, die zum Eingriff in eine Öffnung einer Reihenklemme (16) und zur leitenden Kontaktierung einer Stromschiene (17) und/oder eines Querverbindungsselementes (18) der Reihenklemme ausgelegt ist.

IPC 8 full level  
**H01R 12/04** (2006.01)

CPC (source: EP US)  
**H01R 9/2491** (2013.01 - EP US)

Citation (applicant)  
• US 6443783 B1 20020903 - BEADLE JOSHUA [US]  
• GB 1203921 A 19700903 - KLIPPON ELECTRICALS LTD

Citation (search report)  
• [A] GB 1203921 A 19700903 - KLIPPON ELECTRICALS LTD  
• [A] US 6443783 B1 20020903 - BEADLE JOSHUA [US]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**US 2008280502 A1 20081113; US 7445487 B1 20081104;** AT E449439 T1 20091215; CN 101192718 A 20080604; CN 101192718 B 20110727; DE 202006018152 U1 20080410; DE 502007002024 D1 20091231; EP 1928059 A1 20080604; EP 1928059 B1 20091118

DOCDB simple family (application)  
**US 98252807 A 20071102;** AT 07117040 T 20070924; CN 200710181250 A 20071025; DE 202006018152 U 20061128; DE 502007002024 T 20070924; EP 07117040 A 20070924