

Title (en)  
PLUG-IN SURGE PROTECTION ASSEMBLY

Title (de)  
STECKBARE ÜBERSpannungSSchutz-ANORDNUNG

Title (fr)  
ENSEMBLE LIMITEUR DE TENSION ENFICHABLE

Publication  
**EP 1782504 A1 20070509 (DE)**

Application  
**EP 05758122 A 20050713**

Priority  
• EP 2005007627 W 20050713  
• DE 102004040957 A 20040824  
• DE 102004046394 A 20040924

Abstract (en)  
[origin: WO2006021270A1] The invention relates to a plug-in surge protection assembly for contact strips that are designed to connect components and lines without soldering, cutting or stripping, in particular in the field of telecommunications and data systems. Said assembly comprises a housing containing electric contact elements for creating a connection to the contact strip, for separating the respective current paths and for inserting the surge protection elements into the respective current path and also comprises a ground bus or ground terminal. The housing comprises a plug-in part and a housing body, which receives the surge protection elements, the plug-in part making contact with the contact strip. According to the invention, when plugged-in the visible upper face of the housing comprises plug-in contacts that are directly accessible, said contacts corresponding to the face of the plug-in contact strip to which they are connected. In addition, first surge protection elements are located at the respective sides of the plug-in contacts of the housing. The respective contact elements of the plug-in part and the respective first surge protection elements are electrically connected by means of a contact bridge or a contact part.

IPC 8 full level  
**H01R 13/66** (2006.01); **H01R 9/24** (2006.01); **H01R 4/24** (2006.01)

CPC (source: EP)  
**H01R 9/2441** (2013.01); **H01R 13/6666** (2013.01); **H01R 4/2433** (2013.01)

Citation (search report)  
See references of WO 2006021270A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006021270 A1 20060302**; CN 101015091 A 20070808; CN 101015091 B 20100602; DE 102004046394 A1 20060316; DE 102004046394 B4 20070301; EP 1782504 A1 20070509; EP 1782504 B1 20120912; JP 2008511224 A 20080410; RU 2007105133 A 20081010; RU 2365004 C2 20090820

DOCDB simple family (application)  
**EP 2005007627 W 20050713**; CN 200580027784 A 20050713; DE 102004046394 A 20040924; EP 05758122 A 20050713; JP 2007528641 A 20050713; RU 2007105133 A 20050713