

Title (en)  
ELECTRIC COMPONENT, IN PARTICULAR TERMINAL BLOCK, COMPRISING A SOCKET FOR RECEIVING A RECEIVING COMPONENT

Title (de)  
ELEKTRISCHES BAUTEIL, INSBESONDERE EINE REIHENKLEMME, MIT EINEM STECKSOCKEL ZUR AUFNAHME EINES AUFNAHMEBAUTEILS

Title (fr)  
COMPOSANT ÉLECTRIQUE, EN PARTICULIER BORNIER, COMPRENANT UNE DOUILLE DESTINÉE À RECEVOIR UN COMPOSANT RÉCEPTEUR

Publication  
**EP 4074151 A1 20221019 (DE)**

Application  
**EP 20824482 A 20201208**

Priority  
• DE 102019133577 A 20191209  
• DE 102019133578 A 20191209  
• DE 102020117917 A 20200707  
• DE 102020125502 A 20200930  
• EP 2020085142 W 20201208

Abstract (en)  
[origin: WO2021116131A1] The invention relates to an electric component, in particular in the form of a terminal block, comprising at least one plug socket for receiving a receiving component, in particular a relay or an optocoupler, in the electric component. The receiving component comprises first electric contact elements on the lower face of the receiving component in order to contact second electric contact elements of the electric component. The electric component additionally comprises a first and second lateral wall of the plug socket, said second electric contact elements being arranged between the first and second lateral wall of the plug socket, an ejection device for releasing and/or at least partly ejecting the receiving component out of an active position of the receiving component on the plug socket, and a retaining device for holding the receiving component in a passive position on the electric component, wherein the first electric contacts of the receiving component are electrically connected to the second electric contacts of the electric component in the active position, and the first electric contacts of the receiving component are electrically separated from the second electric contacts of the electric component in the passive position.

IPC 8 full level  
**H05K 7/14** (2006.01)

CPC (source: EP US)  
**H01H 50/02** (2013.01 - EP); **H01H 50/14** (2013.01 - EP); **H01R 9/16** (2013.01 - US); **H01R 9/2633** (2013.01 - EP US); **H05K 7/14** (2013.01 - US); **H05K 7/1468** (2013.01 - EP); **H05K 7/1474** (2013.01 - EP)

Citation (search report)  
See references of WO 2021116132A1

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)  
**WO 2021116131 A1 20210617**; CN 115066992 A 20220916; CN 115066992 B 20231222; EP 4074151 A1 20221019; US 2023146590 A1 20230511; WO 2021116129 A1 20210617; WO 2021116130 A1 20210617; WO 2021116132 A1 20210617

DOCDB simple family (application)  
**EP 2020085141 W 20201208**; CN 202080095577 A 20201208; EP 2020085139 W 20201208; EP 2020085140 W 20201208; EP 2020085142 W 20201208; EP 20824482 A 20201208; US 202017783504 A 20201208