

Title (en)

COMPONENT CARRIER FOR ELECTRICAL/ELECTRONIC COMPONENTS FOR USE IN AUTOMOTIVE ENGINEERING

Title (de)

KRAFTFAHRZEUGTECHNISCHER KOMPONENTENTRÄGER FÜR ELEKTRISCHE/ELEKTRONISCHE BAUTEILE

Title (fr)

SUPPORT DE COMPOSANT POUR COMPOSANTS ÉLECTRIQUES/ÉLECTRONIQUES À UTILISER EN INGÉNIERIE AUTOMOBILE

Publication

EP 4062018 A1 20220928 (DE)

Application

EP 20816395 A 20201112

Priority

- DE 102019131175 A 20191119
- DE 2020100965 W 20201112

Abstract (en)

[origin: WO2021098911A1] The invention relates to a component carrier for electronic/electrical components (1) for use in automotive engineering, for example for combination with a lock housing or as a component part of a lock housing for a motor vehicle door lock. The component carrier is equipped with an electrically isolating support element (2) and a conductor track structure (6, 7) of individual metallic conductor tracks (8) which can be connected to the support element (2). Each conductor track (8) has at least one component clip element (9, 10) for a plug connection to an associated metal clip holder (11) on the component (1). According to the invention, the component clip element (9, 10) has at least one conductor track strip bulge (9, 10) or is designed as such.

IPC 8 full level

E05B 85/02 (2014.01); **E05B 81/54** (2014.01); **H01R 12/58** (2011.01); **H05K 3/20** (2006.01)

CPC (source: EP)

E05B 81/54 (2013.01); **E05B 85/02** (2013.01); **H05K 3/202** (2013.01); **H05K 3/325** (2013.01); **H05K 1/0284** (2013.01); **H05K 2201/09118** (2013.01); **H05K 2201/10856** (2013.01); **H05K 2201/10878** (2013.01)

Citation (search report)

See references of WO 2021098911A1

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)

DE 102019131175 A1 20210520; EP 4062018 A1 20220928; WO 2021098911 A1 20210527

DOCDB simple family (application)

DE 102019131175 A 20191119; DE 2020100965 W 20201112; EP 20816395 A 20201112