

Title (en)

METHOD FOR PRODUCING A PLURALITY OF RESISTANCE MODULAR UNITS OVER A CERAMIC SUBSTRATE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER VIELZAHL VON WIDERSTANDSBAUEINHEITEN ÜBER EIN KERAMIKSUBSTRAT

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE PLURALITÉ DE COMPOSANTS DE RÉSISTANCE SUR UN SUBSTRAT EN CÉRAMIQUE

Publication

EP 3797432 A1 20210331 (DE)

Application

EP 19730343 A 20190612

Priority

- DE 102018115205 A 20180625
- EP 2019065399 W 20190612

Abstract (en)

[origin: TW202001940A] A method of manufacturing a plurality of resistor units that each comprise a carrier comprising a group of resistor elements at whose ends a respective first and second electrical terminal is provided comprises the steps: (a) providing a carrier plate; (b) forming a plurality of strips of a resistor material at the lower side of the carrier plate in a regular pattern such that a respective row of strips of the resistor material is formed along a longitudinal direction; (c) forming a plurality of zones of an electrically conductive material at the lower side of the carrier plate in a regular pattern such that a respective row of zones of the electrically conductive material is formed along the longitudinal direction; and (d) cutting through the carrier plate by regular transverse incisions, first longitudinal incisions, and second longitudinal incisions such that a respective resistor unit and a respective residual section are alternately formed along a transverse direction.

IPC 8 full level

H01C 7/00 (2006.01); **H01C 17/00** (2006.01); **H01C 17/242** (2006.01); **H01C 17/28** (2006.01)

CPC (source: EP KR US)

H01C 1/01 (2013.01 - US); **H01C 1/14** (2013.01 - US); **H01C 7/001** (2013.01 - EP KR); **H01C 7/003** (2013.01 - EP KR); **H01C 17/006** (2013.01 - EP KR); **H01C 17/242** (2013.01 - EP KR US); **H01C 17/28** (2013.01 - EP); **H01C 17/281** (2013.01 - EP KR); **H01C 17/006** (2013.01 - US)

Citation (search report)

See references of WO 202001982A1

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 102018115205 A1 20200102; CA 3104943 A1 20200102; CN 112384998 A 20210219; CN 112384998 B 20220607; EP 3797432 A1 20210331; EP 3797432 B1 20210915; ES 2896949 T3 20220228; HU E057294 T2 20220528; JP 2021529434 A 20211028; KR 20210024096 A 20210304; TW 202001940 A 20200101; US 11302462 B2 20220412; US 2021272724 A1 20210902; WO 202001982 A1 20200102

DOCDB simple family (application)

DE 102018115205 A 20180625; CA 3104943 A 20190612; CN 201980042448 A 20190612; EP 19730343 A 20190612; EP 2019065399 W 20190612; ES 19730343 T 20190612; HU E19730343 A 20190612; JP 2020571768 A 20190612; KR 20217002406 A 20190612; TW 108121095 A 20190618; US 201917255803 A 20190612