

Title (en)
CONTROL UNIT AND METHOD FOR PRODUCTION THEREOF

Title (de)
STEUERGERÄT UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
APPAREIL DE COMMANDE ET PROCÉDÉ DE FABRICATION DUDIT APPAREIL

Publication
EP 3578017 A1 20191211 (DE)

Application
EP 18702221 A 20180126

Priority
• DE 102017201582 A 20170201
• EP 2018051911 W 20180126

Abstract (en)
[origin: WO2018141641A1] The invention relates to a control unit (10), having a circuit carrier (11), on which at least one heat generating component (15) is arranged, wherein the circuit carrier (11) is covered, at least in regions, at least on the side facing the at least one component (15) by a plastic compound (42), having a plug connection element (12) for electrically contacting the circuit carrier (11), and having a cooling element (25), which is arranged in at least indirect operational connection to the at least one heat generating component (15).

IPC 8 full level
H05K 1/02 (2006.01); **H05K 5/00** (2006.01); **H05K 7/20** (2006.01)

CPC (source: EP)
H05K 1/0203 (2013.01); **H05K 7/20854** (2013.01); **H05K 2201/10325** (2013.01); **H05K 2201/10606** (2013.01)

Citation (examination)
EP 3358925 A1 20180808 - HITACHI AUTOMOTIVE SYSTEMS LTD [JP]

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 102017201582 A1 20180802; EP 3578017 A1 20191211; WO 2018141641 A1 20180809

DOCDB simple family (application)
DE 102017201582 A 20170201; EP 18702221 A 20180126; EP 2018051911 W 20180126