

Title (en)  
VOLTAGE CONVERTER, ELECTRICAL SYSTEM COMPRISING SUCH A VOLTAGE CONVERTER AND METHOD FOR MANUFACTURING SUCH A VOLTAGE CONVERTER

Title (de)  
SPANNUNGSWANDLER, ELEKTRISCHES SYSTEM, UMFASSEND EINEN SOLCHEN SPANNUNGSWANDLER UND VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN SPANNUNGSWANDLERS

Title (fr)  
CONVERTISSEUR DE TENSION, SYSTÈME ÉLECTRIQUE COMPORTANT UN TEL CONVERTISSEUR DE TENSION ET PROCÉDÉ DE FABRICATION D'UN TEL CONVERTISSEUR DE TENSION

Publication  
**EP 3646683 A1 20200506 (FR)**

Application  
**EP 18748976 A 20180614**

Priority  
• FR 1755942 A 20170628  
• FR 2018051409 W 20180614

Abstract (en)  
[origin: WO2019002713A1] The voltage converter (104) comprises: - a first heat dissipator (302); - at least one controllable switch (112, 114) having a heat dissipation face in thermal contact with the first heat dissipator (302); and - at least one capacitor (124). The voltage converter (104) further comprises a second heat dissipator (316) and a heat dissipation face (204) of each capacitor (124) is in thermal contact with the second heat dissipator (316).

IPC 8 full level  
**H05K 7/20** (2006.01)

CPC (source: EP KR)  
**H05K 7/209** (2013.01 - KR); **H05K 7/20909** (2013.01 - EP KR)

Citation (search report)  
See references of WO 2019002713A1

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 2019002713 A1 20190103**; CN 110800387 A 20200214; EP 3646683 A1 20200506; FR 3068565 A1 20190104; FR 3068565 B1 20201127; JP 2020524413 A 20200813; KR 20200010404 A 20200130

DOCDB simple family (application)  
**FR 2018051409 W 20180614**; CN 201880041912 A 20180614; EP 18748976 A 20180614; FR 1755942 A 20170628; JP 2019570442 A 20180614; KR 20197037592 A 20180614