

Title (en)

CIRCUITS FOR A HYBRID SWITCHED CAPACITOR CONVERTER

Title (de)

SCHALTUNGEN FÜR EINEN HYBRID-SCHALTKONDENSATORWANDLER

Title (fr)

CIRCUITS POUR CONVERTISSEUR DE CONDENSATEUR COMMUTÉ HYBRIDE

Publication

**EP 3679447 A1 20200715 (EN)**

Application

**EP 18854933 A 20180905**

Priority

- US 201715695955 A 20170905
- US 2018049491 W 20180905

Abstract (en)

[origin: WO2019050907A1] Circuits comprising: an inductor having a first side connected to VIN; a first switch having a first side connected to a second side of the inductor and the second side is not connected to the second side of the inductor; a second switch having a first side connected to VIN; a first capacitor having a first side connected to a second side of the second switch; a third switch having a first side connected to a second side of the first switch; a fourth switch having a first side connected to a second side of the third switch; a fifth switch having a first side connected to a second side of the first capacitor and to a second side of the fourth switch, and having a second side coupled to a voltage source; and a second capacitor having a first side connected to the first side of the fourth switch, and having a second side connected to the second side of the fifth switch.

IPC 8 full level

**G05F 5/00** (2006.01); **H02J 7/00** (2006.01); **H02M 3/18** (2006.01)

CPC (source: CN EP KR)

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DOCDB simple family (application)

**US 2018049491 W 20180905**; CN 201880070698 A 20180905; CN 202111108802 A 20180905; EP 18854933 A 20180905; KR 20207009539 A 20180905