

Title (en)
SWITCHING TRANSFORMER

Title (de)
SCHALTWANDLER

Title (fr)
CONVERTISSEUR DE COMMUTATION

Publication
EP 1290777 A2 20030312 (DE)

Application
EP 01942860 A 20010612

Priority
• AT 0100194 W 20010612
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Abstract (en)
[origin: WO0197368A2] The invention relates to a switching converter for converting an input direct current (UE) into an output direct current (UA). Said converter is provided with at least two primary windings (L1... L4; W1, W2) of a transformer (Tr) and each primary winding is connected to an input capacitor (C1... C4; C11 + C12; C21 + C22) by means of at least one controlled switch (T1... T4; T11... T22). The input capacitors are connected to the input direct current (UE), together with the series connections of the primary windings with their controlled switches that are connected in series. A control circuit (AST) is configured to simultaneously open or close all the controlled switches.

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H02M 3/335

IPC 8 full level
H02M 1/08 (2006.01); **H02M 3/335** (2006.01)

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Citation (search report)
See references of WO 0197368A2

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AT 0100194 W 20010612; CN 01811129 A 20010612; EP 01942860 A 20010612; US 31164703 A 20030606