

Title (en)
METHOD AND DEVICE FOR REGULATING ALTERNATING VOLTAGE

Title (de)
VERFAHREN UND ANORDNUNG ZUR WECHSELSPANNUNGSSTELLUNG

Title (fr)
PROCEDE ET DISPOSITIF DE REGLAGE DE TENSION ALTERNATIVE

Publication
EP 0995254 A2 20000426 (DE)

Application
EP 98940219 A 19980714

Priority
• DE 19731045 A 19970718
• EP 9804347 W 19980714

Abstract (en)
[origin: DE19832712A1] The voltage regulator has a transformer (4) with a number of voltage tap-off connections (5.1,...5.12) on both the primary and secondary sides (5,6). Controlled logic connection of the tap-off connections are provided to achieve a transformer windings ratio corresponding to the required AC output voltage. The tap-off connections may be coupled in a serial or parallel configuration on the primary and secondary side of the transformer under control of a microprocessor control circuit (1), a driver circuit (2) and a switching logic (3).

IPC 1-7
H02J 1/00

IPC 8 full level
G05F 1/147 (2006.01); **H02M 7/48** (2007.01); **H02M 7/483** (2007.01); **H02M 7/538** (2007.01); **H02M 7/5381** (2007.01)

CPC (source: EP US)
G05F 1/147 (2013.01 - EP); **H02M 7/483** (2013.01 - EP US); **H02M 7/5381** (2013.01 - EP)

Citation (search report)
See references of WO 9904475A2

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
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