

Title (en)
TRANSFORMER, ESPECIALLY FOR A DRIVER STAGE

Publication
EP 0254727 B1 19910320 (DE)

Application
EP 87900068 A 19861231

Priority
• DE 3546377 A 19851231
• DE 3546410 A 19851231

Abstract (en)
[origin: WO8704297A1] A driver stage, especially for a power switch transistor (210) comprises an auxiliary power supply (202), a current regulator (212) for the base current of the switch transistor and an overdrive, preferably with a logic processor (218). A shell-type transformer (230) having a ferromagnetic core and at least one primary and one secondary coil is used as a switching voltage and power transformer for the positive base current. Its core is as gap-free as possible and at least one coil has the form of a foil. The primary and secondary coils of the transformer are wound on each other, with an intermediate insulating layer, forming cylindrical coils. Each current-conducting part-winding of the primary coil adjoins a current-conducting part-winding of the secondary coil.

IPC 1-7
H01F 19/08

IPC 8 full level
H01F 19/04 (2006.01); **H01F 19/08** (2006.01)

CPC (source: EP)
H01F 19/08 (2013.01)

Citation (examination)
• Schaltnetzteile; Joachim Wustehube, expert Verlag, D-7031 Grafenau, Seiten 354-357
• SIEMENS Schaltbeispiele, Ausgabe 1978/79, Seiten 189-191

Cited by
CN103594222A

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 8704297 A1 19870716; AT E61885 T1 19910415; DE 3678289 D1 19910425; EP 0254727 A1 19880203; EP 0254727 B1 19910320; JP S63501909 A 19880728

DOCDB simple family (application)
DE 8600526 W 19861231; AT 87900068 T 19861231; DE 3678289 T 19861231; EP 87900068 A 19861231; JP 50054787 A 19861231