

Title (en)
TRANSFORMER, ESPECIALLY FOR A SWITCHING POWER SUPPLY

Publication
EP 0309837 B1 19921209 (DE)

Application
EP 88115254 A 19880917

Priority
DE 3732558 A 19870926

Abstract (en)
[origin: EP0309837A1] 1. Transformer, especially for a switching power supply. 2.1. In a transformer for a switching power supply, which operates at an elevated frequency of, for example, 32 kHz, the skin effect is noticeable in an interfering manner. In parallel circuits having a plurality of winding strands for reducing the skin effect, compensating currents occur. 2.2 The compensating currents are avoided by each winding strand being split into winding segments (1, 2) and these winding segments having radial distances from the core (K), which are differently offset in a manner such that they cross. 2.3 Especially a transformer for a switching power supply for a television set. <IMAGE>

IPC 1-7
H01F 27/32

IPC 8 full level
H01F 30/00 (2006.01); **H01F 27/28** (2006.01); **H01F 27/32** (2006.01); **H01F 27/34** (2006.01)

CPC (source: EP KR)
H01F 27/28 (2013.01 - KR); **H01F 27/2823** (2013.01 - EP); **H01F 27/34** (2013.01 - EP)

Cited by
EP0980035A1; US6150914A; WO9721232A1

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

DOCDB simple family (publication)
EP 0309837 A1 19890405; EP 0309837 B1 19921209; AT E83334 T1 19921215; DE 3732558 A1 19890406; DE 3876575 D1 19930121; ES 2036644 T3 19930601; FI 884385 A0 19880923; FI 884385 A 19890327; GR 3007255 T3 19930730; JP H01107508 A 19890425; KR 890005778 A 19890517; KR 970004571 B1 19970329

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