

Title (en)
AIR GAP IN A TRANSFORMER FOR A SWITCHING POWER SUPPLY

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EP 0355298 A3 19900822 (DE)

Application
EP 89110974 A 19890616

Priority
DE 3828985 A 19880826

Abstract (en)
[origin: EP0355298A2] The air gap of the ferrite core in a transformer for a switching power supply generates a magnetic stray field which can lead to eddy-current losses in adjacent copper windings. By inserting ferrite plates into the air gap, the air gap is split into a plurality of partial air gaps, so that the spatial extent of the magnetic stray field is reduced. The invention is employed particularly for switching power supplies for television sets.
<IMAGE>

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H01F 3/14

IPC 8 full level
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CPC (source: EP)
H01F 3/14 (2013.01); **H01F 27/255** (2013.01); **H01F 27/346** (2013.01)

Citation (search report)

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