

Title (en)  
INVERTER FOR OPERATING AT LEAST TWO GAS DISCHARGE LAMPS

Publication  
**EP 0024522 B1 19830831 (DE)**

Application  
**EP 80103981 A 19800710**

Priority  
DE 2931870 A 19790806

Abstract (en)  
[origin: EP0024522A2] 1. An alternator for the operation of at least two discharge lamps (31, 32) comprising a stray-field transformer (12) whose core possesses a central flank (201) which carries the primary winding (2011) and outer flanks (202, 203) arranged in parallel around the central flank and, each carrying a secondary winding (2021, 2031) for the feed of a discharge lamp, there being no air gap between the central flank (201) and the outer flanks which carry the secondary windings, characterised in that the transformer core (2) consists of a ferrite core (20) of dished construction, wherein the outer flanks (202, 203) which carry the secondary windings (2021, 2031) and at least one additional outer flank (204, 204') having an air gap (2041') but no secondary winding are arranged in a circle coaxially about the central flank (201) which carries the primary winding (2011).

IPC 1-7  
**H01F 31/06**

IPC 8 full level  
**H01F 38/10** (2006.01); **H05B 41/282** (2006.01)

CPC (source: EP)  
**H01F 38/10** (2013.01); **H05B 41/2822** (2013.01)

Citation (examination)  
• DE 2901844 A1 19790802 - GTE SYLVANIA INC  
• DE 2239433 A1 19740221 - SIEMENS AG

Cited by  
FR2754129A1; EP0654203A4; EP0279073A3; WO8504769A1

Designated contracting state (EPC)  
AT CH LI NL

DOCDB simple family (publication)  
**EP 0024522 A2 19810311; EP 0024522 A3 19810318; EP 0024522 B1 19830831**; AT E4565 T1 19830915; DE 2931870 A1 19810219; DE 2931870 C2 19820527

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