

Title (en)  
CIRCUIT ARRANGEMENTS

Publication  
**EP 0343886 A3 19901031 (EN)**

Application  
**EP 89305127 A 19890510**

Priority  
GB 8812090 A 19880521

Abstract (en)  
[origin: EP0343886A2] A circuit arrangement includes a transformer 12 having a core 13 about which is wound a primary winding 14 and a secondary winding 15 which is connected to a load, such as a magnetron. The secondary winding 15 comprises two windings 17 and 18 which are wound in opposite senses and arranged adjacent one another.

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**H01F 31/00**

IPC 8 full level  
**H01J 23/34** (2006.01); **H01F 27/28** (2006.01); **H01F 27/34** (2006.01); **H01F 27/42** (2006.01); **H01F 30/00** (2006.01); **H01F 30/16** (2006.01)

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**H01F 27/34** (2013.01); **H01F 30/16** (2013.01)

Citation (search report)

- [X] GB 1238341 A 19710707
- [Y] DE 3716415 A1 19880324 - SIEMENS AG [DE]
- [A] DE 2828721 A1 19800110 - CEAG LICHT & STROM
- [Y] IRE TRANSACTIONS ON COMPONENT PARTS. vol. CP-9, no. 2, June 1962, NEW YORK US pages 58 - 61; REUBEN LEE: "REDUCING SIZE OF RADAR PULSE TRANSFORMERS"
- [Y] Soviet Inventions Illustrated Derwent week B37, published 24 october 1979, LONDON & SU-A-636692 (GOLINSKII V D)
- [A] IEEE, electronic ind. ass., Proc. of the electr. compon. conf., Washingt. May 1966 1966, New York pages 112 - 117; K. Aaland: "SATURATING PULSE TRANSFORMER WITH OPTIMIZED LOAD FOR A SOLENOID LOAD"
- [A] 27th ELECTRONIC COMPONENTS CONFERENCE, ARLINGTON MAY 16-18 1977 pages 115 - 121; Spencer G. Johnston: "DESIGN AND OPERATION OF A FLUX-GATE COMPASS USING A FLOATING CORE"
- [A] PATENT ABSTRACTS OF JAPAN vol. 5, no. 192 (E-85)(864) 08 December 1981, & JP-A-56 115510 (NIPPON GAKKI SEIZO K.K.)

Designated contracting state (EPC)  
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