

Title (en)  
PLANAR PULSE TRANSFORMER

Title (de)  
PLANERER IMPULSTRANSFORMATOR

Title (fr)  
TRANSFORMATEUR D'IMPULSIONS DE FORME PLANE

Publication  
**EP 0795184 A2 19970917 (EN)**

Application  
**EP 95942475 A 19951121**

Priority  
• US 9515273 W 19951121  
• US 34801094 A 19941201

Abstract (en)  
[origin: WO9617360A1] A planar pulse transformer is formed upon a substrate (20) having at least one opening (22) formed therein and has a magnetically permeable core (10) having at least one portion thereof disposed within the opening of the substrate. Preferably, at least one primary winding (150) and at least one secondary winding (152) at least partially encircle the core. The primary and secondary windings are comprised entirely of metallization layers so as to simplify the fabrication process and reduce costs.

IPC 1-7  
**H01F 27/30**

IPC 8 full level  
**H01F 27/28** (2006.01); **H01F 17/00** (2006.01); **H01F 19/04** (2006.01); **H01F 19/08** (2006.01)

CPC (source: EP)  
**H01F 17/0006** (2013.01); **H01F 19/08** (2013.01); **H01F 2027/2861** (2013.01)

Designated contracting state (EPC)  
CH DE FR GB LI SE

DOCDB simple family (publication)  
**WO 9617360 A1 19960606**; EP 0795184 A2 19970917; EP 0795184 A4 19981216; JP H10510678 A 19981013

DOCDB simple family (application)  
**US 9515273 W 19951121**; EP 95942475 A 19951121; JP 51893195 A 19951121