

Title (en)  
Leakage transformer with small stray field.

Title (de)  
Lecktransformator mit kleinem Streufeld.

Title (fr)  
Transformateur de fuite à faible champ de dispersion.

Publication  
**EP 0142207 A1 19850522 (EN)**

Application  
**EP 84201621 A 19841108**

Priority  
NL 8303994 A 19831110

Abstract (en)  
A leakage transformer in which primary coils and secondary coils are mounted on a centre leg of a pot core transformer, which pot core transformer is fully closed apart from one or a few through holes permitting the lead wires for the coils to be fed out. An air gap is provided in the centre leg and a magnetic shut is provided between the primary coil(s) and the secondary coil(s), the air gap and the magnetic shunt together defining the coupling factor between the primary and secondary coils.

IPC 1-7  
**H01F 31/06**; **H01F 17/04**

IPC 8 full level  
**H01F 17/04** (2006.01); **H01F 38/08** (2006.01)

CPC (source: EP)  
**H01F 17/043** (2013.01); **H01F 38/08** (2013.01)

Citation (search report)  
• [Y] EP 0003396 A1 19790808 - ICI PLC [GB]  
• [Y] DE 1439441 A1 19681205 - SITS SOC IT TELECOM SIEMENS  
• [A] US 3480896 A 19691125 - NEUMAN WERNER E

Cited by  
FR2982068A1; DE10349401B3; US7893806B1; US8102233B2; US8237530B2; WO2009114872A1; US7965165B2; DE202020101764U1; US8299885B2; US8330567B2; US7994888B2; US8362867B2; US8294544B2; US8836463B2; US9627125B2; US7746209B1; US7772955B1; US7864016B1; US8174348B2; WO2013061220A1

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

DOCDB simple family (publication)  
**EP 0142207 A1 19850522**; JP S60216521 A 19851030; NL 8303994 A 19850603

DOCDB simple family (application)  
**EP 84201621 A 19841108**; JP 23601084 A 19841110; NL 8303994 A 19831110