

Title (en)

Pulse transformer.

Title (de)

Impulstransformator.

Title (fr)

Transformateur d'impulsions.

Publication

EP 0421514 A1 19910410 (EN)

Application

EP 90202532 A 19900925

Priority

NL 8902474 A 19891005

Abstract (en)

The invention relates to a pulse transformer for the transformation of low voltage pulses to high voltage pulses with an extremely high step-up ratio. This is achieved by the use of a magnetic core (7) that is connected to the high voltage lead (23) and by a primary winding (8), at least partially surrounding the secondary winding (9), used to clamp the pulse transformer to an electrically conducting plate (18).

IPC 1-7

H01F 19/08; **H01F 27/36**

IPC 8 full level

H01F 19/04 (2006.01); **H01F 19/08** (2006.01); **H01F 27/36** (2006.01)

CPC (source: EP KR US)

H01F 19/08 (2013.01 - EP KR US); **H01F 27/24** (2013.01 - KR); **H01F 27/2847** (2013.01 - KR)

Citation (search report)

- [X] GB 766946 A 19570130 - PHILIPS ELECTRICAL IND LTD
- [A] US 3617854 A 19711102 - COLE BENJAMIN R
- [A] US 2998583 A 19610829 - WORCESTER WILLIS G
- [AD] EP 0072151 A1 19830216 - MARCONI CO LTD [GB]
- [A] DE 3534006 A1 19870326 - SIEMENS AG [DE]
- [A] NL 7405428 A 19750815 - BENTELE WERKE AG
- [A] GB 204474 A 19231004 - VEIFA WERKE AG, et al

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0421514 A1 19910410; AU 6370290 A 19910411; CA 2026136 A1 19910406; JP H03171706 A 19910725; KR 910008754 A 19910531; NL 8902474 A 19910501; NO 904311 D0 19901004; NO 904311 L 19910408; PT 95391 A 19920529; TR 25672 A 19930701

DOCDB simple family (application)

EP 90202532 A 19900925; AU 6370290 A 19901002; CA 2026136 A 19900925; JP 26321890 A 19901002; KR 900015270 A 19900926; NL 8902474 A 19891005; NO 904311 A 19901004; PT 9539190 A 19900924; TR 89390 A 19900928