

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)

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