

Title (en)  
SEMI-PLANAR TRANSFORMER

Title (de)  
HALBPLANARER TRANSFORMATOR

Title (fr)  
TRANSFORMATEUR SEMI-PLANAIRE

Publication  
**EP 3893256 A1 20211013 (EN)**

Application  
**EP 20168512 A 20200407**

Priority  
EP 20168512 A 20200407

Abstract (en)  
A transformer comprises a first winding and a second winding. The first winding comprises at least one metal plate. The second winding comprises at least two winding turns of a wire. The wire traverses the metal plate and the winding turns are arranged on opposite sides of the metal plate.

IPC 8 full level  
**H01F 27/28** (2006.01); **H01F 27/06** (2006.01); **H01F 27/30** (2006.01)

CPC (source: EP)  
**H01F 27/06** (2013.01); **H01F 27/2866** (2013.01); **H01F 27/303** (2013.01); **H01F 2027/065** (2013.01); **H01F 2027/2814** (2013.01)

Citation (search report)

- [XA] US 2014184378 A1 20140703 - WILD URS [CH]
- [X] US 2008180205 A1 20080731 - TSAI SHENG-NAN [TW], et al
- [X] US 2016225514 A1 20160804 - CHENG WO OI [HK], et al
- [X] US 2008117012 A1 20080522 - PILNIAK JURGEN [DE], et al
- [X] US 7830237 B1 20101109 - CHEN HSIEN-CHIH [TW]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3893256 A1 20211013; EP 3893256 B1 20240703**

DOCDB simple family (application)  
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