

Title (en)  
High-voltage-transformer

Title (de)  
Hochspannungstransformator

Title (fr)  
Transformateur haute tension

Publication  
**EP 2618343 B1 20141105 (EN)**

Application  
**EP 12000343 A 20120120**

Priority  
EP 12000343 A 20120120

Abstract (en)  
[origin: EP2618343A1] The invention is related to a high-voltage-transformer (10) comprising at least one transformer-core (12, 30) wound from an amorphous band-like material (32, 52) around at least one inner hollow (14, 16, 44, 46), wherein two opposed laminated front sides are formed by the edges of the wound band-like material (32, 52) and wherein at least two opposed limb areas (34, 36, 38) and an upper (40, 98) and lower (42, 64) yoke area are formed. At least one hollow-cylindrical transformer coil (18, 20, 22) is arranged around a limb area (34, 36, 38) of the at least one transformer-core (12, 30). Cooling means (54, 58, 72, 94, 96) are connected with at least a section of at least one of the laminated front sides.

IPC 8 full level  
**H01F 41/02** (2006.01); **H01F 27/08** (2006.01); **H01F 27/245** (2006.01)

CPC (source: EP)  
**H01F 27/08** (2013.01); **H01F 27/085** (2013.01); **H01F 27/245** (2013.01); **H01F 41/0226** (2013.01)

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

DOCDB simple family (publication)  
**EP 2618343 A1 20130724**; **EP 2618343 B1 20141105**; CN 104081480 A 20141001; CN 104081480 B 20161221; WO 2013107479 A1 20130725

DOCDB simple family (application)  
**EP 12000343 A 20120120**; CN 201280067501 A 20121204; EP 2012004995 W 20121204