

Title (en)
VENTILATED TRANSFORMER ENCLOSURE

Title (de)
VENTILIERTES TRANSFORMATERGEHÄUSE

Title (fr)
ENCEINTE DE TRANSFORMATEUR VENTIL E

Publication
EP 1745184 A4 20110406 (EN)

Application
EP 05740274 A 20050429

Priority
• US 2005014921 W 20050429
• US 83522304 A 20040429

Abstract (en)
[origin: WO2005108714A2] A transformer enclosure includes a base structure, a wall secured to the base structure, and an airflow aperture located in a lower portion of the wall. A roof structure is secured to the wall and has an overhang portion extending beyond the wall outward from the enclosure. The overhang portion has a roof top panel and a roof bottom panel. The roof bottom panel has a roof airflow aperture. The transformer enclosure can include means for enclosing a volume and airflow means for cooling a transformer within the enclosed volume, where the airflow means includes a plurality of opposing channels.

IPC 8 full level
E04H 1/00 (2006.01); **E04H 5/04** (2006.01); **H01F 27/02** (2006.01); **H05K 7/20** (2006.01)

CPC (source: EP US)
E04H 5/04 (2013.01 - EP US); **H01F 27/025** (2013.01 - EP US); **H05K 7/20136** (2013.01 - EP US); **H01F 27/085** (2013.01 - EP US); **H02B 7/06** (2013.01 - EP US)

Citation (search report)
• [XA] GB 1239247 A 19710714
• [XA] US 6365826 B1 20020402 - STENDARDO RICHARD J [US], et al
• [XA] DE 6916926 U 19691023 - SACHSENWERK LICHT UND KRAFT A [DE]
• [XA] US 4609126 A 19860902 - JANDA GEORGE M [US]
• See references of WO 2005108714A2

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
WO 2005108714 A2 20051117; WO 2005108714 A3 20090409; BR PI0510285 A 20071030; CA 2564782 A1 20051117;
CA 2564782 C 20110405; CN 101426992 A 20090506; EP 1745184 A2 20070124; EP 1745184 A4 20110406; US 2005257439 A1 20051124

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