

Title (en)

Passive cooling device for an electrical apparatus and apparatus having such a device

Title (de)

Passive Kühlvorrichtung für ein elektrisches Gerät und elektrisches Gerät mit einer solchen Vorrichtung

Title (fr)

Dispositif de refroidissement passif pour un appareillage électrique et appareillage électrique comprenant ce dispositif

Publication

EP 1612823 B1 20131113 (FR)

Application

EP 05105751 A 20050628

Priority

FR 0451356 A 20040629

Abstract (en)

[origin: EP1612823A1] The device has a circulating tube (30) placed outside a protective sheath (4). The tube communicates with an inner volume of a generator's circuit breaker (2) through an opening (28) formed in the sheath to form a space in which dielectric gas circulates by natural convection between the inner volume and space of the circulating tube. An independent claim is also included for an electric apparatus including a passive cooling device.

IPC 8 full level

H01H 9/52 (2006.01)

CPC (source: EP)

H01H 9/52 (2013.01); **H01H 2009/526** (2013.01)

Cited by

CN110767482A; CN114556726A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1612823 A1 20060104; **EP 1612823 B1 20131113**; CN 100447920 C 20081231; CN 1710680 A 20051221; FR 2872336 A1 20051230; FR 2872336 B1 20070720

DOCDB simple family (application)

EP 05105751 A 20050628; CN 200510081078 A 20050629; FR 0451356 A 20040629