

Title (en)

Bushing having an oil impregnated paper grading capacitor with a valve system allowing to filter its oil without need to dismount it

Title (de)

Durchführung mit einem Steuerkondensator mit ölimprägniertem Papier mit einem Ventilsystem zur Filterung dessen Öls ohne Notwendigkeit zur Demontage

Title (fr)

Traversée comportant un condensateur de classement de papier imprégné d'huile avec un système de soupape permettant de filtrer l'huile sans devoir la démonter

Publication

EP 2993671 A1 20160309 (EN)

Application

EP 14183449 A 20140903

Priority

EP 14183449 A 20140903

Abstract (en)

A bushing (1) comprising a body (2) enclosing a central conductor (8), a grading capacitor (9) made by oil impregnated paper surrounding the central conductor (8), a gap (12) between an exterior surface of the grading capacitor (9) and an interior surface of the body (2), a ring seal (18) surrounding the grading capacitor (9) to separate the gap (12) into a first and a second part (19, 21), at least on valve system (13) and : - a first valve (14) allowing communication of the first part (19) with the exterior plant when in the open position during the treatment process ; - a second valve (16) allowing communication of the second part (21) with the exterior plant when in the open position during the treatment process ; - a third valve (17) closed during the treatment process, and open during the normal service to allow communication of the first and second parts (19, 21).

IPC 8 full level

H01B 17/34 (2006.01); **H01F 27/04** (2006.01); **H01F 27/14** (2006.01)

CPC (source: EP)

H01B 17/34 (2013.01); **H01F 27/04** (2013.01); **H01F 27/14** (2013.01)

Citation (search report)

- [A] CN 101950931 A 20110119 - ZHENGZHOU POWER SUPPLY CO
- [A] EP 0078366 A2 19830511 - LIEBKNECHT TRANSFORMAT [DD]

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 2993671 A1 20160309; **EP 2993671 B1 20170517**; CN 105390218 A 20160309

DOCDB simple family (application)

EP 14183449 A 20140903; CN 201510486141 A 20150810