

Title (en)
HIGH VOLTAGE BUSHING WITH TEMPERATURE SENSOR

Title (de)
HOCHSPANNUNGSBUCHSE MIT TEMPERATURSENSOR

Title (fr)
TRAVERSÉE HAUTE TENSION AVEC CAPTEUR DE TEMPÉRATURE

Publication
EP 3428934 A1 20190116 (EN)

Application
EP 17180606 A 20170710

Priority
EP 17180606 A 20170710

Abstract (en)
A high voltage bushing (1) is provided. It comprises a conductor (2) extending along an axis (A) defining an axial direction; a high voltage screen (5), provided around the conductor (2); a condenser core (8) which includes the high voltage screen (5); and a temperature sensor (14) comprising an optical fiber (15), wherein a first portion (15a) of the optical fiber (15) is located adjacent to the conductor (2) or in the conductor (2).

IPC 8 full level
H01B 17/00 (2006.01); **H01B 17/28** (2006.01)

CPC (source: EP)
H01B 17/005 (2013.01); **H01B 17/28** (2013.01)

Citation (search report)
• [XY] JP H04296409 A 19921020 - NGK INSULATORS LTD
• [A] JP H02163917 A 19900625 - SUMITOMO ELECTRIC INDUSTRIES
• [Y] DE 3207306 A1 19830915 - SIEMENS AG [DE]
• [X] CN 106468728 A 20170301 - CHINA ELECTRIC POWER RES INST, et al

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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

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