

Title (en)
Electrical insulator bushing

Title (de)
Elektrischer Durchführungsisolator

Title (fr)
Traversée isolante électrique

Publication
EP 2704157 A1 20140305 (EN)

Application
EP 12198209 A 20121219

Priority
EP 12198209 A 20121219

Abstract (en)
The present invention relates to an electrical insulator bushing (1) comprising: an electrically insulating sleeve (2) having a central longitudinal through hole (4) surrounding a central longitudinal axis (5) of the bushing; and an electrical conductor (3) positioned through the central longitudinal through hole of the sleeve; wherein the conductor comprises a cavity (6) extending longitudinally along the conductor and having an opening at one end; wherein the cavity is arranged for accommodating a heat-pipe, the heat-pipe comprising a fluid being contained in a closed system arranged for transferring heat along the bushing, and wherein the cavity is arranged for allowing the heat-pipe to be introduced into and removed from said cavity via its opening.

IPC 8 full level
H01B 17/54 (2006.01); **F28D 15/02** (2006.01); **H01B 17/26** (2006.01)

CPC (source: EP)
F28D 15/02 (2013.01); **H01B 17/54** (2013.01); **H01B 17/26** (2013.01)

Citation (applicant)
• CN 101369483 A 20090218 - INST ELECTRICAL ENG CAS [CN]
• WO 2007107119 A1 20070927 - BEIJING RUIHENG SUPER HIGH VOL [CN], et al

Citation (search report)
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• [X] JP H06231636 A 19940819 - NGK INSULATORS LTD
• [A] US 3627899 A 19711214 - MOORE CURTIS L
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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

DOCDB simple family (publication)
EP 2704157 A1 20140305; CN 203950620 U 20141119

DOCDB simple family (application)
EP 12198209 A 20121219; CN 201320811097 U 20131209