

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)  
• [X] WO 2012161930 A1 20121129 - ABB TECHNOLOGY AG [CH], et al  
• [X] JP H06231636 A 19940819 - NGK INSULATORS LTD  
• [A] US 3627899 A 19711214 - MOORE CURTIS L  
• [A] JP H04351808 A 19921207 - NGK INSULATORS LTD

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BA ME

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