

Title (en)
Electrical bushing

Title (de)
Elektrische Durchführung

Title (fr)
Traversée électrique

Publication
EP 2942787 A1 20151111 (EN)

Application
EP 14188027 A 20141008

Priority
EP 14188027 A 20141008

Abstract (en)
The present disclosure relates to an electrical bushing 1. The bushing comprises an electrically insulating sleeve 2 having a central longitudinal through hole 4 surrounding a central longitudinal axis 5 of the bushing. The bushing also comprises a tubular electrical conductor 3 positioned through the central longitudinal through hole of the sleeve and defining a central longitudinal cavity 9 around and along the longitudinal axis inside the tubular conductor. Also, the bushing comprises at least one heat-pipe 6 comprising a heat transfer fluid enclosed in a heat conducting pipe 10 for transferring heat along the bushing. The heat-pipe is longitudinally arranged and positioned in the central longitudinal cavity.

IPC 8 full level
H01B 17/54 (2006.01); **F28D 15/02** (2006.01); **H01B 17/26** (2006.01); **H01F 27/04** (2006.01)

CPC (source: EP)
F28D 15/02 (2013.01); **H01B 17/54** (2013.01); **H01F 27/04** (2013.01); **F28D 2021/0029** (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
• EP 2704157 A1 20140305 - ABB TECHNOLOGY LTD [CH]

Citation (search report)
• [X] JP S52107398 U 19770816
• [X] JP S56141316 U 19811026
• [X] JP S5178399 U 19760621
• [X] JP S5755125 U 19820331
• [X] JP S528496 A 19770122 - HITACHI LTD

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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