

Title (en)

ELECTRICAL BUSHING HAVING ENHANCED THERMAL PERFORMANCE

Title (de)

ELEKTRISCHE BUCHSE MIT VERBESSERTER THERMISCHER LEISTUNG

Title (fr)

TRAVERSÉE ÉLECTRIQUE PRÉSENTANT DES PERFORMANCES THERMIQUES AMÉLIORÉES

Publication

**EP 3826034 A1 20210526 (EN)**

Application

**EP 19210998 A 20191122**

Priority

EP 19210998 A 20191122

Abstract (en)

An aspect of the present disclosure provides an electrical bushing 100 with enhanced thermal performance. The electrical bushing 100 includes a central tube 101 having a first emissivity, and a conductor 102 arranged within the central tube 101 providing a gap G between the conductor 102 and an inner surface of the central tube 101, wherein at least a portion of the inner surface of the central tube 101 is provided with a coating having a second emissivity which is higher than the first emissivity. A further aspect of the present disclosure provides an electrical transformer 200 having at least one said electrical bushing 100.

IPC 8 full level

**H01B 17/26** (2006.01); **H01B 17/54** (2006.01); **H01B 17/28** (2006.01); **H01F 27/04** (2006.01)

CPC (source: EP)

**H01B 17/26** (2013.01); **H01B 17/54** (2013.01); **H01B 17/28** (2013.01); **H01F 27/04** (2013.01)

Citation (search report)

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- [Y] US 3564108 A 19710216 - SCHMITZ ANTHONY NICHOLAS
- [Y] US 2010051306 A1 20100304 - TOERNKVIST CHRISTER [SE], et al
- [A] US 4358631 A 19821109 - MATSUDA SETSUYUKI

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Designated extension state (EPC)

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DOCDB simple family (publication)

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