

Title (en)
ELECTRICAL INSULATOR BUSHING

Title (de)
ELEKTRISCHE DURCHFÜHRUNG

Title (fr)
DOUILLE ISOLANTE ÉLECTRIQUE

Publication
EP 3065147 A1 20160907 (EN)

Application
EP 15157306 A 20150303

Priority
EP 15157306 A 20150303

Abstract (en)
The present disclosure relates to an electrical insulator bushing (1) comprising an electrically insulating sleeve (5) having a central longitudinal through hole surrounding a central longitudinal axis of the bushing. The bushing also comprises an electrical conductor (2) positioned through the central longitudinal through hole of the sleeve. The bushing also comprises an electrically insulating gas (4) filling at least a part of the central longitudinal through hole between the conductor and the sleeve. The bushing also comprises a gas cooler (6) mounted at a first end (7a) of the bushing, around the conductor and axially beyond the sleeve. The gas cooler is arranged for cooling the electrically insulating gas.

IPC 8 full level
H01B 17/54 (2006.01); **H01B 17/26** (2006.01); **H01B 17/36** (2006.01)

CPC (source: EP)
H01B 17/54 (2013.01); **H01B 17/26** (2013.01); **H01B 17/36** (2013.01)

Citation (search report)

- [X] JP H07169351 A 19950704 - TOSHIBA CORP
- [X] JP H07201242 A 19950804 - TOSHIBA CORP
- [A] EP 2704157 A1 20140305 - ABB TECHNOLOGY LTD [CH]
- [A] JP S52107398 U 19770816

Cited by
EP3435493A1; US10438723B2; WO2022233261A1; EP3435493B1

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 3065147 A1 20160907

DOCDB simple family (application)
EP 15157306 A 20150303