

Title (en)

Tubular electrical insulator for a high voltage power transmission line

Title (de)

RÖHRENFÖRMIGER ELEKTRISCHER ISOLATOR FÜR EINE HOCHSPANNUNGSFREILEITUNG

Title (fr)

ISOLANT ÉLECTRIQUE TUBULAIRE POUR UNE LIGNE DE TRANSPORT D'ÉNERGIE A HAUTE TENSION

Publication

EP 3172809 A1 20170531 (EN)

Application

EP 14742536 A 20140725

Priority

EP 2014066004 W 20140725

Abstract (en)

[origin: WO2016012050A1] Flexible and bendable tubular electrical insulator (1) for use in a high voltage power transmission. The electrical insulator (1) has an electrically conductive carrier tube (4) that is covered by a first electrically conductive layer (5), an electrically insulating layer (6) and a second electrically conductive layer (7). The first conductive layer (5) and the insulating layer (6) are co-extruded onto the carrier tube (4) by way of co-extrusion such that the insulating layer (6) is arranged in between the first conductive layer (5) and the second conductive layer (7) in a radial direction, and such that the first conductive layer (5) is electrically connected to the carrier tube (4), wherein the first conductive layer adheres to the electrically insulating layer and wherein the electrically insulating layer adheres to the second conductive layer.

IPC 8 full level

H02G 9/06 (2006.01)

CPC (source: EP)

H02G 3/0468 (2013.01); **H02G 9/06** (2013.01); **H02G 9/02** (2013.01)

Citation (search report)

See references of WO 2016012050A1

Citation (examination)

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