

Title (en)

COUPLING ELECTRODE FOR CAPACITIVE VOLTAGE TAPPING WITHIN THE INSULATION BODY OF A DUCT OR AN INSULATOR

Title (de)

KOPPELELEKTRODE ZUM KAPAZITIVEN SPANNUNGSABGRIFF INNERHALB DES ISOLIERKÖRPERS EINER DURCHFÜHRUNG ODER EINES STÜTZERS

Title (fr)

ELECTRODE DE COUPLAGE PERMETTANT UNE PRISE DE TENSION CAPACITIVE A L'INTERIEUR DU CORPS ISOLANT D'UN CONDUIT OU D'UN ISOLATEUR SUPPORT

Publication

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Application

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Priority

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- DE 102004035176 A 20040716

Abstract (en)

[origin: WO2006008265A1] According to the invention, a coupling electrode (1), for capacitive voltage tapping within an insulation body (9) of an assembly (8,18), comprising at least one conducting section (10, 19) embedded in the insulation body (9) which may be provided with a high voltage potential, with an electrode section (2), made from a semiconducting plastic and a connector element (3), electrically connected to the electrode section (2), embodied to extend from the insulation body (9), may be economically prepared, whereby a retainer (4), made from a non-conducting material, is connected to the electrode section (2) and comprises positioning means (7), with which an insulated mounting of the electrode section (2) is possible.

IPC 8 full level

H01B 17/00 (2006.01)

CPC (source: EP NO US)

H01B 17/005 (2013.01 - EP NO US)

Citation (opposition)

- Opponent : LENZING, GERBER, STUTE Patentanwälten
- DE 9300777 U1 19940519 - SIEMENS AG [DE]
 - EP 0400491 A2 19901205 - ASEA BROWN BOVERI [DE]

Cited by

EP3893342A1; DE102020204620A1; DE102020204620B4

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