

Title (en)  
BUSHING CONNECTION SHIELDING SYSTEM AND USE OF THE SAME IN AN EXIT INSULATING SYSTEM OF A HIGH VOLTAGE TRANSFORMER

Title (de)  
BUCHSENVERBINDUNGSABSCHIRMUNGSSYSTEM UND VERWENDUNG DAVON IN EINEM AUSGANGSISOLATIONSSYSTEM EINES HOCHSPANNUNGSTRANSFORMATORS

Title (fr)  
SYSTÈME DE BLINDAGE DE CONNEXION DE TRAVERSÉE ET SON UTILISATION DANS UN SYSTÈME D'ISOLATION DE SORTIE D'UN TRANSFORMATEUR HAUTE TENSION

Publication  
**EP 4169046 A1 20230426 (EN)**

Application  
**EP 20734495 A 20200619**

Priority  
EP 2020067200 W 20200619

Abstract (en)  
[origin: WO2021254639A1] The present application relates to a bushing connection shielding system (80), a turret assembly with the bushing connection shielding system and a slip-free mounting device for mounting the bushing connection shielding system within the turret assembly of a high voltage transformer. The bushing connection shielding system comprising a shielding tube (1) with an equalizing ball (6) at an upper end of the shielding tube (1), said equalizing ball (6) being configured to electrically shield a lower end (5) of a connected high voltage bushing. The shielding tube (1) is covered by paper (2) and an electrical shield formed by a dielectric barrier which comprises at least one barrier layer (3) is provided to the equalizing ball (6). A seamless interface between the paper (2) and the at least one dielectric barrier layer (3) is provided in that at least a lower end (32) of the dielectric barrier layer (3) is integrated in the paper (2).

IPC 8 full level  
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Citation (search report)  
See references of WO 2021254639A1

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