

Title (en)

IMPROVEMENTS IN OR RELATING TO INSULATOR ASSEMBLIES

Title (de)

VERBESSERUNGEN AN ODER IM ZUSAMMENHANG MIT ISOLATORANORDNUNGEN

Title (fr)

PERFECTIONNEMENTS APPORTÉS À DES ENSEMBLES ISOLANTS OU S'Y RAPPORTANT

Publication

EP 2638554 B1 20170315 (EN)

Application

EP 10778634 A 20101110

Priority

EP 2010067231 W 20101110

Abstract (en)

[origin: WO2012062362A1] In the field of insulator assemblies for forming vacuum-tight enclosures there is a need for an improved insulator assembly in which the interface between respective insulating members and connecting members has a greater resistance to mechanical and electrical stresses than in conventional insulator assemblies. An insulator assembly (10) comprises at least one insulating member (12, 14) which is sealingly coupled with at least one connecting member (16, 18, 20). The insulating member (12, 14) defines a hollow insulator body (22, 28). The connecting member (16, 18, 20) defines a body portion (34) which has an innermost body wall (36) and an outermost body wall (38), and an engagement portion (40, 48) which has an innermost engagement wall (42) and an outermost engagement wall (44). The engagement portion (40, 48) is sealingly retained at least partially within the insulator body (22, 28). The portions of the innermost and outermost engagement walls (42, 44) that are sealingly retained within the insulator body (22, 28) are further spaced from one another than the innermost and outermost body walls (36, 38).

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