

Title (en)
HIGH VOLTAGE ASSEMBLY

Title (de)
HOCHSPANNUNGSANLAGE

Title (fr)
ENSEMBLE À HAUTE TENSION

Publication
EP 3196901 B1 20180404 (EN)

Application
EP 16152621 A 20160125

Priority
EP 16152621 A 20160125

Abstract (en)
[origin: EP3196901A1] A high voltage assembly (2), especially a high voltage transformer or a high voltage reactor, is proposed comprising: a metal enclosure (4) containing an active component and being connected to ground potential (3), a high voltage bushing (50) comprising a high voltage conductor (52), the high voltage bushing (50) passing through an opening (6) of the metal enclosure (4). A field forming jacket (8) is arranged inside the metal enclosure (4) to receive at least partly the high voltage bushing (50). The field forming jacket (8) is configured to provide an insulation gap (22) between an inner surface (14) of the field forming jacket (8) and an outer surface (58) of the high voltage bushing (50). The field forming jacket (8) comprises a field forming layer (18) with a first electrical connection (34) to the ground potential (3) and a second electrical connection (40) to a high voltage potential of the high voltage conductor (52).

IPC 8 full level
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CPC (source: EP)
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