

Title (en)
High voltage transformer

Title (de)
Hochspannungstransformator

Title (fr)
Transformateurs haute tension

Publication
EP 2866235 A1 20150429 (DE)

Application
EP 13005035 A 20131022

Priority
EP 13005035 A 20131022

Abstract (en)
[origin: CA2866054A1] The invention relates to a high-voltage transformer (10) comprising a transformer core having at least two core limbs (12, 14, 16) which are axially parallel and on which in each case a hollow-cylindrical coil (18, 20, 22, 52, 72) having in each case at least one electrical winding is arranged. At least in partial regions of mutually facing surfaces (36, 38) of adjacently arranged coils (18, 20, 22, 52, 72), the respective surface regions of the coils have a respective electrically isolating barrier structure (54, 74) which is integrated radially on the outside.

Abstract (de)
Die Erfindung betrifft einen Hochspannungstransformator (10), umfassend einen Transformatorkern mit wenigstens zwei axial parallelen Kernschenkeln (12, 14, 16), auf welchen jeweils eine hohlzylindrische Spule (18, 20, 22, 52, 72) mit jeweils wenigstens einer elektrischen Wicklung angeordnet ist. Zumindest in Teilbereichen gegeneinander zugewandter Oberflächen (36, 38) benachbart angeordneter Spulen (18, 20, 22, 52, 72) weisen die jeweiligen Oberflächenbereiche der Spulen eine jeweilige radial außen integrierte elektrisch isolierende Barrierenstruktur (54, 74).

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H01F 5/06 (2013.01 - US); **H01F 27/32** (2013.01 - US); **H01F 27/322** (2013.01 - EP US); **H01F 2027/328** (2013.01 - EP US)

Citation (search report)

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