

Title (en)
High-voltage transformer.

Title (de)
Hochspannungstransformator.

Title (fr)
Transformateur haute tension.

Publication
EP 0043615 A1 19820113 (EN)

Application
EP 81200697 A 19810619

Priority
NL 8003852 A 19800703

Abstract (en)
A high-voltage transformer, comprising a ferromagnetic core on which at least one primary winding [3] and one secondary winding [5] are provided, said secondary winding [5] consisting of a series of wire-wound cylindrical coils [7], each of which coaxially surrounds the preceding coil and is separated therefrom by a cylindrical insulating body [21], every two successive coils [7] being electrically connected by a diode [9], all of said diodes [9] being connected in the same rectifying sense and each coil [7] consisting of a number of series-connected subcoils [27]. Each coil is wound on a dimensionally stable cylindrical coil former [21] which also forms the insulating body and on the surface of which at least ten winding chambers [25] are defined by means of circumferential ridges [23], the depth of said chambers preferably being at the most equal to their width.

IPC 1-7
H01F 27/30; H01F 19/00; H01F 31/08

IPC 8 full level
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CPC (source: EP)
H01F 27/306 (2013.01); **H01F 38/18** (2013.01); **H01F 38/42** (2013.01); **H01F 2005/022** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
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DOCDB simple family (application)
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