

Title (en)

Electric transformer for high- and very high-intensity currents, particularly for furnaces and rectifiers

Title (de)

Elektrischer Transformator für hohe und sehr hohe Stromstärken, insbesondere für Öfen und Gleichrichter

Title (fr)

Transformateur électrique pour courants de forte et très forte intensité, en particulier pour fours et redresseurs

Publication

**EP 0918341 A3 20000802 (EN)**

Application

**EP 98203863 A 19981118**

Priority

IT MI972576 A 19971119

Abstract (en)

[origin: EP0918341A2] An electric transformer for high- and very high-intensity currents, particularly for furnaces and rectifiers, comprising a tank (2) which contains a magnetic core (3) with the corresponding windings (4,5). The low-voltage feedthroughs for high- and very high-intensity currents protrude hermetically from the tank (2). The particularity of the invention is constituted by the fact that at least the portion of the wall of the tank that is affected by the low-voltage feedthroughs is made of aluminum and/or alloys thereof and forms openings for the hermetic passage of the low-voltage feedthroughs. <IMAGE>

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**H01F 27/02**; H01F 27/04

IPC 8 full level

**H01F 27/04** (2006.01)

CPC (source: EP)

**H01F 27/04** (2013.01)

Citation (search report)

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- [X] DE 2623156 A1 19771201 - TRANSFORMATOREN UNION AG
- [A] DE 2501937 A1 19760722 - TRANSFORMATOREN UNION AG
- [A] US 3883680 A 19750513 - KEEN JR WILLIAM A

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**EP 0918341 A2 19990526**; **EP 0918341 A3 20000802**; IT 1296469 B1 19990625; IT MI972576 A1 19990519

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