

Title (en)

Toroidal electrical transformer and method of producing same.

Title (de)

Elektrischer Ringkerntransformator und Verfahren zur Herstellung desselben.

Title (fr)

Transformateur électrique torique et procédé de fabrication de celui-ci.

Publication

**EP 0083567 A1 19830713 (EN)**

Application

**EP 83300004 A 19830104**

Priority

US 33735682 A 19820106

Abstract (en)

A toroidal electrical transformer having a low voltage coil, a high voltage coil and an annular magnetic core is disclosed. The preferred low voltage and high voltage coils are each continuous in substantial part over their length and form an arcuate elongated passage therethrough. The preferred annular magnetic core is wound in place in said arcuate elongated passage substantially from a continuous strip of magnetic material. Various components and sub-assemblies are also disclosed along with various apparatus and methods for producing such toroidal electrical transformer, its components and its sub-assemblies.

IPC 1-7

**H01F 31/00**; **H01F 41/02**; **H01F 41/04**; **H01F 41/06**; **H01F 27/32**

IPC 8 full level

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Citation (search report)

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- [A] US 2811699 A 19571029 - WHITTIER ELLERTON W
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**EP 0225316 A1 19870610**; AT E35192 T1 19880715; AU 561815 B2 19870521; AU 9177882 A 19830714; BR 8300033 A 19830913; CA 1192281 A 19850820; DE 3377094 D1 19880721; DK 1583 A 19830707; DK 1583 D0 19830105; EP 0083567 A1 19830713; EP 0083567 B1 19880615; IT 8347518 A0 19830106; JP S58123708 A 19830723; MX 152825 A 19860617

DOCDB simple family (application)

**EP 87200039 A 19830104**; AT 83300004 T 19830104; AU 9177882 A 19821222; BR 8300033 A 19830105; CA 418171 A 19821221; DE 3377094 T 19830104; DK 1583 A 19830105; EP 83300004 A 19830104; IT 4751883 A 19830106; JP 73283 A 19830106; MX 19582083 A 19830105