

Title (en)  
TOROIDAL-CORE TRANSFORMER WITH AT LEAST TWO WINDINGS

Publication  
**EP 0276419 B1 19920610 (DE)**

Application  
**EP 87118025 A 19871205**

Priority  
DE 3701686 A 19870122

Abstract (en)  
[origin: EP0276419A2] Toroidal-core transformers normally have a plurality of windings wound concentrically spaced at a distance from the cross-section of the toroidal-core (9). By means of insulating rings (7), preferably of roof-shaped design, which are supported on opposite sides of a toroidal-core, a plurality of concentric windings (6, 10) can be fitted, with a defined separation from the toroidal-core. In comparison to insulation arrangements with plastic housings (troughs) this results in improved dielectric strength with the same dimensions. Moreover, toroidal-core transformers of different core heights can be produced with the same types of insulating ring. <IMAGE>

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IPC 8 full level  
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