

Title (en)
TOROIDAL CORE TRANSFORMER

Title (de)
RINGKERN-TRANSFORMATOR

Title (fr)
TRANSFORMATEUR A NOYAU TOROIDAL

Publication
EP 1797573 B1 20090225 (DE)

Application
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Priority

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Abstract (en)

[origin: WO2006040074A1] A polyphase transformer (101) comprises a number of toroidal cores (102) adjacently arranged in an axial direction. The toroidal cores (102) support phase windings of different phases. The connecting points of the phase windings of two adjacent toroidal cores (102) are offset from one another in a peripheral direction. This offset, i.e. of the geometric angles between the connecting points of the phase windings of two adjacent toroidal cores (102) approximately corresponds to the phase shift, i.e. to the electric phase angle between the voltage signals of these toroidal cores (102).

IPC 8 full level
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