

Title (en)
THREE-PHASE ROTARY MAGNETIC SHELL-TYPE TRANSFORMER WITH THREE MAGNETIC CORES

Title (de)
DREIPHASIGER MAGNETMANTEL-DREHTRANSFORMATOR MIT DREI MAGNETKERNEN

Title (fr)
TRANSFORMATEUR TOURNANT TRIPHASE CUIRASSE MAGNETIQUEMENT A TROIS NOYAUX MAGNETIQUES

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Application
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Abstract (en)
[origin: WO2013167830A1] The invention relates to a three-phase transformer (10) comprising a primary part (11; 12) and a secondary part (12; 11), the primary part (11) comprising a first body made from ferromagnetic material and primary windings, the secondary part (12) comprising a second body made from ferromagnetic material and secondary windings (28, 29a, 229c, 30, the first body defining a first annular slot (22) of axis A and a second annular slot (23) of axis A, the primary windings comprising a first toroidal winding (24) of axis A in the first slot (22), a second toroidal winding (27) of axis A in the second slot (23), and one or more third toroidal winding(s) (25a, 25d) connected in series, said third windings (25a, 25d) being wound around one of the legs, passing through the slots (35) in said leg.

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