

Title (en)

MAGNETIC CONTROLLED CURRENT OR VOLTAGE REGULATOR AND TRANSFORMER

Title (de)

MAGNETGESTEUERTER STROM- ODER SPANNUNGSREGLER UND TRANSFORMATOR

Title (fr)

TRANSFORMATEUR ET REGULATEUR DE TENSION OU DE COURANT A COMMANDE MAGNETIQUE

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Application

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Abstract (en)

[origin: WO0190835A1] The invention relates to a magnetically influenced current or voltage regulator comprising a body (1) which is composed of a magnetisable material and provides a closed, magnetic circuit, at least one first electrical conductor (8) wound about the body of a first main winding (2) and at least one second electrical conductor (9) wound about the body of a second main winding (4). The winding axis (A2) for the main winding (2) is at right angles to the winding axis (A4) for the control winding (4) with the object of providing orthogonal magnetic fields (H1, B1 and H2, B2 respectively) in the body (1) and thereby controlling the behaviour of the magnetisable material relative to the field (H1, B1) in the main winding (2) by means of the field (H2, B2) in the control winding (4).

IPC 8 full level

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