

Title (en)

ROTARY TRANSMITTER AND SEPARATELY EXCITED SYNCHRONOUS MACHINE

Title (de)

DREHÜBERTRAGER UND FREMDERREGTE SYNCHRONMASCHINE

Title (fr)

TRANSMETTEUR DE ROTATION ET MACHINE SYNCHRONE À EXCITATION INDÉPENDANTE

Publication

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Application

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Abstract (en)

[origin: WO2010105764A1] The invention relates to a rotary transmitter, in particular transformer rotary transmitter, comprising a primary winding (7) and a secondary winding (6) that is inductively coupled thereto and rotatably arranged relative to the primary winding, wherein the windings extend over the same axial region or at least over the same axial partial region. A first ferrite core (2) is associated with the primary winding and a second ferrite core (3) is associated with the secondary winding, wherein the first and the second ferrite cores extend over at least one equal axial partial region and extend over an equal radial partial region.

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