

Title (en)

COMPACT STRUCTURE FOR AN ELECTROMAGNETIC COMPONENT, AND ELECTROMAGNETIC COMPONENT FOR, IN PARTICULAR, HEAT-ENGINE COILS

Title (de)

KOMPAKTE STRUKTUR FÜR EINE ELEKTROMAGNETISCHE KOMPONENTE SOWIE ELEKTROMAGNETISCHE KOMPONENTE, INSBESONDERE FÜR WÄRMEMOTORSPULEN

Title (fr)

STRUCTURE DE COMPOSANT ELECTROMAGNETIQUE A ENCOMBREMENT LIMITE ET COMPOSANT ELECTROMAGNETIQUE POUR NOTAMMENT BOBINES DE MOTEURS THERMIQUES

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Application

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Abstract (en)

[origin: WO2013110898A1] The invention relates to an structure for an electromagnetic component, comprising at least one first coil former (2) inwardly defining a recess for a magnetic core (5) and outwardly delimiting a tubular coil casing for at least one winding of an electrically conductive wire. According to the invention, the cross-section of the magnetic core (5) has the shape of a four-armed cross, said arms defining, two-by-two, four recesses (11), and the coil former (2) comprises four bars extending in the recesses (11) parallel to one another while delimiting the tubular coil casing, the bars being connected together at each of the ends thereof by two linking frames.

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