

Title (en)

COOLING JACKET, ESPECIALLY FOR ELECTRICAL MACHINES AND METHOD FOR THE MANUFACTURE THEREOF

Title (de)

KÜHLMANTEL INSBESONDERE FÜR ELEKTRISCHE MASCHINEN SOWIE HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

ENVELOPPE REFRIGERANTE DESTINEE NOTAMMENT A DES MACHINES ELECTRIQUES ET SON PROCEDE DE REALISATION

Publication

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Application

EP 08842055 A 20081027

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Abstract (en)

[origin: WO2009053496A2] The invention relates to cooling jackets and/or heat exchangers, which are to be placed in contact with solid products that are to be cooled, especially with electrical machines with a rotor rotating inside or outside a stator, or in contact with reactors or containers. Said jackets and/or heat exchangers have an inner wall and an outer wall which form the boundary of a flow cavity that is provided with inlet and outlet means for a cooling medium and conducting means in order to form and/or limit at least one flow path for the cooling medium between the inner wall and the outer wall from the inlet means to the outlet means. According to the invention, opposing individual flat places or flat sections of the inner wall and the outer wall are in contact with one another within the confines of said walls and passages for the cooling medium remain between the contacting flat places or flat sections. One or more elevations and depressions alternate on one or more external sides or an outer casing of the inner or outer wall, wherein adjoining flat places or flat sections are permanently connected over individual joints and/or elongated joint sections.

IPC 8 full level

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Citation (search report)

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Citation (examination)

US 3009072 A 19611114 - RICHARD MOSSAY PHILIP

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