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[Continued on next page]

(54) Title: HEAT SINK PLATE, CURRENT-RECTIFYING ARRANGEMENT, AND ASSOCIATED MULTIPHASE ROTARY MACHINE

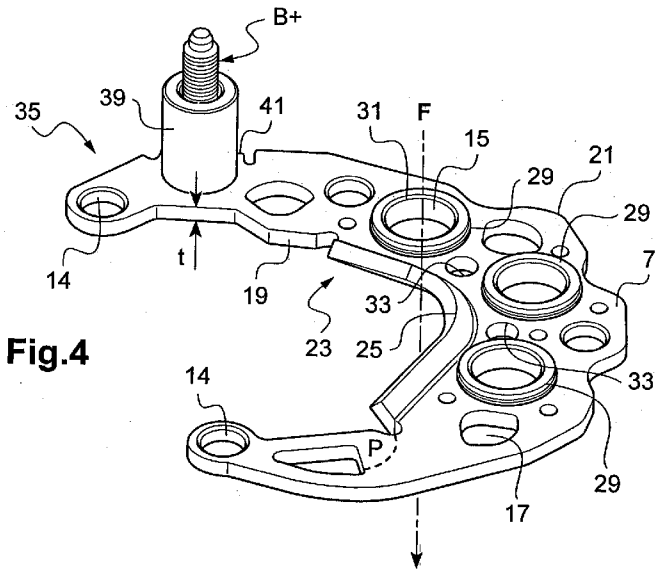


Fig.4

(57) Abstract: The invention relates to a heat sink plate of a current-rectifying arrangement for a rotary electric machine intended to be arranged to be traversed by a cooling fluid, said heat sink plate (7) comprising two opposite edges (19, 21) and being able to carry current-rectifying elements (3) to be connected to one phase of a stator of said rotary electric machine, characterized in that one edge (19) of the heat sink plate (7) has a flange (23) with an inclined surface (25) relating the plane (P) defined by the heat sink plate (7) and arranged in order to guide the cooling fluid towards the current-rectifying elements (3). The invention also relates to corresponding current-rectifying arrangement and multiphase rotary electric machine.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X Y	US 2004/256925 A1 (MORRISSETTE GARY [US] ET AL) 23 December 2004 (2004-12-23) paragraphs [0028], [0036]; figures 6-9	1-3,6, 10,11 4,5,9, 12-19
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Y	FR 2 969 411 A1 (VALEO EQUIP ELECTR MOTEUR [FR]) 22 June 2012 (2012-06-22) page 11, line 26 - page 12, line 4; figure 2	9

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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