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(54) **Apparatus for generating electric energy using high temperature fumes**

(57) This invention concerns an apparatus for the production of electric energy by a turbine operating according to the Rankine cycle using an organic work fluid made to evaporate through a heat exchange with a

source of heat. In the work fluid circuit, upstream of the main turbine, an additional electric generator is inserted having a rotation speed aimed at optimising the extraction of power from a pre-expansion of the work fluid.

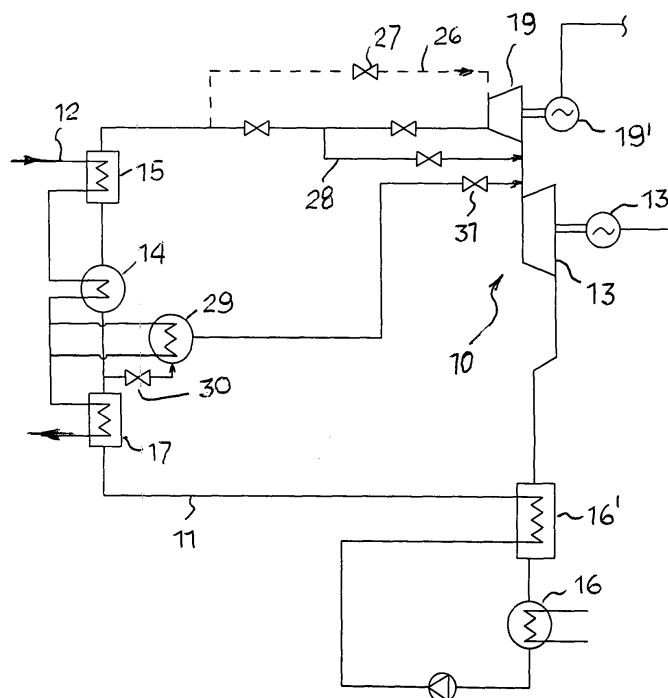


FIG. 2



EUROPEAN SEARCH REPORT

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EP 07 42 5218

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Place of search Munich		Date of completion of the search 24 March 2009	Examiner Coquau, Stéphane
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EPO FORM 1503 03.82 (P/04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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