

Title (en)
APPARATUS FOR THE CONVERSION OF ELECTRIC ENERGY INTO THERMAL ENERGY

Publication
EP 0149057 B1 19880615 (FR)

Application
EP 84114054 A 19841121

Priority
CH 647683 A 19831202

Abstract (en)
[origin: EP0149057A1] 1. Apparatus used to convert electric power into thermic power, characterized by the fact it includes an isolated dewar (1) filled up with a diathermic heat-conveying fluid (2) in which a first electric engine (3) is immersed as well as a first hydraulic pump (4) which works with the aforesaid engine and the inflow and outflow pipes of which are also immersed in the heat-conveying fluid, the outflow pipe of the aforesaid pump being equipped with means of reducing the outflow, and by the fact that these means of reducing the outflow consist of a second hydraulic pump (24) the inflow pipe (22) of which is connected to the aforesaid outflow pipe (6) of the first pump (4), the second pump (24) being associated with a second electric engine (23), and this second pump and this second engine being immersed in the heat-conveying fluid and characterized by smaller dimensions as compared to the first pump and the first engine respectively.

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F24H 1/00; **F24D 7/00**

IPC 8 full level
F24D 7/00 (2006.01); **F24H 1/00** (2006.01)

CPC (source: EP)
F24D 7/00 (2013.01); **F24H 1/0018** (2013.01)

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Cited by
CN105370639A; WO9514896A1

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EP 0149057 A1 19850724; **EP 0149057 B1 19880615**; AT E35180 T1 19880715; DE 149057 T1 19851024; DE 3472157 D1 19880721

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