

Title (en)
METHOD FOR OPERATING A TURBOMACHINE AND CORRESPONDING TURBOMACHINE

Title (de)
VERFAHREN ZUM BETREIBEN EINER TURBOMASCHINE UND TURBOMASCHINE

Title (fr)
PROCEDE POUR L'EXPLOITATION D'UNE TURBOMACHINE ET TURBOMACHINE

Publication
EP 1301695 B1 20070117 (DE)

Application
EP 00945606 A 20000609

Priority
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Abstract (en)
[origin: US6487843B1] A turbomachine is operated in a manner to improve the degree of efficiency of a machine of this type. To this end, fresh air that has been drawn in by suction is isochorically heated in individual, closed off conveying and heating chambers, which are arranged in succession in the conveying direction, and then supplied to a working machine in which the air is expanded and behind which the air is burned after being mixed with fuel. The resulting combustion gases are then guided past the conveying and heating chambers in the opposite direction to the conveying direction of the same, in such a way that the fresh air that is drawn in by suction is successively isochorically heated in said chambers.

IPC 8 full level
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