

Title (en)

COMBINED INSTALLATION OF A FURNACE AND AN AIR DISTILLATION APPARATUS AND USE METHOD

Title (de)

KOMBINATION EINES OFENS MIT EINER LUFTZERLEGUNGSANLAGE UND BETRIEBSVERFAHREN

Title (fr)

INSTALLATION COMBINEE D'UN FOUR ET D'UN APPAREIL DE DISTILLATION D'AIR ET PROCEDE DE MISE EN OEUVRE

Publication

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Application

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Priority

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Abstract (en)

[origin: US6122932A] A method and apparatus for the combined operation of a furnace and an air distillation apparatus. The air distillation apparatus comprises at least one medium pressure column and a mixing column supplying oxygen to the furnace. The furnace and the distillation apparatus are supplied by a same blower, the mixing column receiving air compressed by a compressor coupled to a cryogenic turbine expanding with work a fluid from the distillation apparatus. The compressor/turbine assembly is coupled to and receives auxiliary power from an auxiliary power source.

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IPC 8 full level

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CPC (source: EP KR US)

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