

Title (en)
METHOD FOR WATER VAPOUR PRODUCTION AND AIR DISTILLATION

Title (de)
VERFAHREN ZUR DAMPFERZEUGUNG UND LUFTZERLEGUNG

Title (fr)
PROCEDE DE PRODUCTION DE VAPEUR D'EAU ET DE DISTILLATION D'AIR

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Application
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Abstract (en)
[origin: WO03006902A1] The invention concerns a method for driving at least a compression machine (7, 8) of an air distillation unit (3) which supplies oxygen and/or nitrogen and/or argon to an industrial plant (1) producing water vapour. In normal running conditions, the compression machine is driven at least partly by a steam turbine (13) fed with said water vapour, which is input at an input port (15) of the turbine. The turbine has two input ports (15, 16) which correspond to different intake pressures. During at least one operating phase of said plant (1), the turbine is partly supplied with water vapour from an auxiliary water vapour source (21) and input at the turbine other input port (16). The invention is useful for supplying air gas to a synthetic hydrocarbon production plant.

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