

Title (en)

Process and apparatus for compressing a gaseous mixture to be distilled and for expanding at least one gaseous stream

Title (de)

Verfahren und Vorrichtung zum Verdichten eines zu destillierenden Gasgemisches und zum Entspannen wenigstens eines Gasstromes

Title (fr)

Procédé et installation de compression d'un mélange gazeux à distiller et de détente d'au moins un flux gazeux

Publication

EP 0710809 B1 20010221 (FR)

Application

EP 95402338 A 19951020

Priority

FR 9412715 A 19941025

Abstract (en)

[origin: EP0710809A1] The procedure consists of compressing a first flow of a gas mixture in a compressor (5) with at least one compression stage (5A, 5B, 5C), compressing a second gas mixture flow to a higher pressure in a compressor (7), expanding a third flow of a gas mixture in an expander (9), recuperating at least part of the energy generated by the expander with the compressor (7), and feeding at least part of the second flow back to one stage (5B) of compressor (5). The first and second flows are of air destined to be distilled in an air distillation plant, while the third gas flow is a product of the distillation plant (13). Appts. is also claimed.

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IPC 8 full level

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