

Title (en)

Process for separating a gaseous mixture by cryogenic distillation

Title (de)

Verfahren zur Trennung eines Gasgemisches durch kryogene Destillation

Title (fr)

Procédé de séparation d'un mélange gazeux par distillation cryogénique

Publication

EP 0718576 B1 19990901 (FR)

Application

EP 95402924 A 19951222

Priority

FR 9415608 A 19941223

Abstract (en)

[origin: EP0718576A1] O and N are sepd. from air by cryogenic distrn. in a double column (II), the incoming air from compressor (1) being precooled by heat exchange (3) with water and then by heat exchange (5) with cool gas before passing via CO2 absorbers (7) and main heat exchanger (9) to column (11). Valve (15) controls the flow of gas (13 A) to heat exchanger (5), which is used only when the temp. of water in heat exchanger (3) is too high to cool the air sufficiently on its own e.g. in summer. The gas (13 A) may be fairly pure N drawn from column (11), or recycled air. Claims are directed to process and appts.

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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