

Title (en)

Process and apparatus for separating a gas mixture

Title (de)

Verfahren und Vorrichtung zur Zerlegung eines Gasgemisches

Title (fr)

Procédé et dispositif pour la séparation d'un mélange de gaz

Publication

EP 0559117 B1 19960131 (DE)

Application

EP 93103226 A 19930301

Priority

DE 4206923 A 19920305

Abstract (en)

[origin: EP0559117A1] This process serves for separating a gas mixture (4), in particular air, a product (21; 23), in particular nitrogen, enriched with lower-boiling components, being obtained. A lower-boiling fraction (18, 19) from the upper region of a rectifier column (7) is at least partially condensed in a condenser/evaporator (11) in indirect heat exchange with an evaporating higher-boiling fraction (8). The higher-boiling fraction (8) is, before the indirect heat exchange, supplied with a further fraction (24) which has a lower proportion of higher-boiling components than the higher-boiling fraction (8). <IMAGE>

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F25J 3/04

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CPC (source: EP)

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