

Title (en)

Process and installation for the production of gaseous oxygen and/or nitrogen under pressure

Title (de)

Verfahren und Einrichtung zur Herstellung von gasförmigem Sauerstoff und/oder Stickstoff unter Druck

Title (fr)

Procédé et installation de production d'oxygène et/ou d'azote gazeux sous pression

Publication

EP 0641983 B1 19970416 (FR)

Application

EP 94401839 A 19940810

Priority

FR 9310417 A 19930901

Abstract (en)

[origin: EP0641983A1] In this process for producing gaseous oxygen and/or nitrogen under pressure by distillation of air in a double column (9), pumping (at 13) of at least one liquid product withdrawn from the vessel of the low-pressure column (11), and vaporisation (at 8) of the compressed liquid product by heat exchange with air compressed to a high air pressure, all of the air to be distilled is compressed to the high air pressure and the excess fraction of this air is expanded in two series turbines (5, 6) to the pressure of the medium-pressure column (10), the air being partially heated (at 22) between the two turbines. <IMAGE>

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F25J 3/04

IPC 8 full level

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CPC (source: EP US)

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Cited by

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