

Title (en)

Process and plant for producing impure oxygen by distillation

Title (de)

Verfahren und Anlage zur Herstellung von unreinem Sauerstoff durch Rektifikation

Title (fr)

Procédé et installation de production d'oxygène impur par distillation d'air

Publication

**EP 0982554 A1 20000301 (FR)**

Application

**EP 99402116 A 19990825**

Priority

FR 9810813 A 19980828

Abstract (en)

[origin: JP2000203827A] PROBLEM TO BE SOLVED: To provide a new method for supplying impure oxygen to a unit for producing a synthetic gas. SOLUTION: Impure oxygen comprising 70-98% of oxygen and <2% of argon is supplied to a unit 3 for producing a synthetic gas. The unit 3 supplies hydrogen to a unit 7 for producing ammonia. An air-separating device 1 can deliver nitrogen and the impure oxygen to the unit 7 for producing the ammonia and the unit 3 for producing the synthetic gas, respectively.

Abstract (fr)

De l'oxygène impur contenant de 70 à 98% molaires d'oxygène et moins de 2% molaires d'argon est fourni à une unité de production de gaz de synthèse (3) qui fournit de l'hydrogène à une unité de production d'ammoniac (7). Le même appareil de séparation d'air (1) peut fournir l'azote (9) à l'unité de production d'ammoniac et de l'oxygène impur (2) à l'unité de production de gaz de synthèse. <IMAGE>

IPC 1-7

**F25J 3/04**

IPC 8 full level

**C01C 1/04** (2006.01); **F25J 3/04** (2006.01)

CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (application)

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