

Title (en)

Process and installation for the production of at least a gas from air under pressure

Title (de)

Verfahren und Einrichtung zur Herstellung von wenigstens einem durch Zerlegung von Luft gewonnenem Gas unter Druck

Title (fr)

Procédé et installation de production d'au moins un gaz de l'air sous pression

Publication

EP 0641982 B1 19980506 (FR)

Application

EP 94401838 A 19940810

Priority

FR 9310418 A 19930901

Abstract (en)

[origin: EP0641982A1] All of the entering air is compressed to a high pressure and then cooled to an intermediate temperature. At this temperature, some of the air is turbined (at 4) at medium pressure, and the remainder is liquefied. The low-pressure column operates under a pressure of the order of 1.7 to 5 bar absolute, and its residual gas is expanded in a second turbine (9) after having been heated to ambient temperature then superheated (at 7) by heat exchange with compressed air. Application to the production of impure pressurised oxygen and, simultaneously, of at least one liquid product. <IMAGE>

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F25J 3/04

IPC 8 full level

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CPC (source: EP US)

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