

Title (en)

Refrigeration production process, the refrigeration cycle used and application in the distillation of air.

Title (de)

Kühlverfahren, der angewandte Kühlkreislauf und seine Anwendung in der Lufttrennung.

Title (fr)

Procédé de production frigorifique, cycle frigorifique correspondant et leur application à la distillation d'air.

Publication

**EP 0420725 B1 19931124 (FR)**

Application

**EP 90402594 A 19900920**

Priority

FR 8912517 A 19890925

Abstract (en)

[origin: EP0420725A1] The compressed air entering is partly expanded in a high-pressure turbine (12), then a part of the air thus expanded is again expanded in a low-pressure turbine (9). The admission temperature of the latter is considerably greater than that of the high-pressure turbine. <??>Application in the production of liquid nitrogen and liquid oxygen. <IMAGE>

IPC 1-7

**F25B 11/02**; **F25B 9/10**; **F25J 1/00**; **F25J 3/04**

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE19913907B4; FR2688052A1; EP0542539A1; US5287704A; EP2458311A1; FR2928446A1; EP2466236A1; EP0612967A1; FR2702040A1; US5515688A; US8997520B2; WO9924318A1; WO2008110734A3; WO2009112744A3

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