

Title (en)

Process and device for cryogenic air separation

Title (de)

Verfahren und Vorrichtung zur Tieftemperaturzerlegung von Luft

Title (fr)

Procédé et dispositif pour la séparation cryogénique des gaz de l'air

Publication

**EP 1094286 B1 20050615 (DE)**

Application

**EP 00119941 A 20000913**

Priority

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- EP 00102564 A 20000207

Abstract (en)

[origin: EP1094286A1] The cryogenic separation of air with a rectifier system for separating nitrogen and oxygen incorporates a pressure column (2), a low pressure column (3) and a condenser-evaporator system (101,102,103) for heating the low pressure column. The condenser-evaporator system has a first and second section. The first section has a pipe for introducing compacted and pre-cleaned circulating air (1) into the pressure column; A first oxygen-rich liquid (6) is conveyed to, and returned from, the evaporation passages. The second section conveys a second oxygen-rich liquid (12,13) from the evaporation passages

IPC 1-7

**F25J 3/00**; **F25J 3/04**

IPC 8 full level

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CPC (source: EP)

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Cited by

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