

Title (en)

Process and installation for the production of oxygen by distillation of air.

Title (de)

Verfahren und Vorrichtung zur Herstellung von Sauerstoff durch Tieftemperaturverlegung von Luft.

Title (fr)

Procédé et installation pour la production de l'oxygène par distillation de l'air.

Publication

EP 0677713 A1 19951018 (FR)

Application

EP 95400752 A 19950404

Priority

FR 9404298 A 19940412

Abstract (en)

Producing gaseous oxygen under pressure from the cryogenic distn. of air in a double column (5) comprising a medium pressure column (6) and a low pressure column (7), comprises dividing the enriched liq. from the medium pressure column into first and second liq. fractions which are sent to different levels in the low pressure column. These different levels are below the extn. level of impure nitrogen from the low pressure column. The appts. to carry out the above process comprises a double distn. column (medium and low pressure columns), a means for extracting impure nitrogen from the low pressure column, and a means for extracting enriched liq. from the base of the medium pressure column and sending it to two levels in the low pressure column below the nitrogen extn. level. <IMAGE>

Abstract (fr)

Dans un procédé de production d'oxygène sous pression, on fait passer de l'oxygène liquide d'une double colonne (5) dans un échangeur (9) où il se vaporise par échange de chaleur avec de l'air d'alimentation qui s'y condense partiellement. La partie restante de l'air d'alimentation détendue par une turbine (4) sert à maintenir le système en froid. <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (search report)

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DOCDB simple family (application)

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