Title (en)

Process for the production of impure oxygen

Title (de)

Verfahren zur Herstellung unreinen Sauerstoffs

Title (fr)

Procédé de production d'oxygène impur

Publication

EP 0547946 B2 20000322 (FR)

Application

EP 92403330 A 19921209

Priority

FR 9115705 A 19911218

Abstract (en)

[origin: EP0547946A1] According to this process: - the intermediate pressure column (2) is operated at a pressure higher than 6 bars and preferably of at least approximately 9 bars absolute; - a first vaporization gas which is less volatile than nitrogen from the top of the intermediate pressure column (2) is condensed in the vessel condenser (8) of the low pressure column (3); and - nitrogen from the top of the intermediate pressure column is condensed and is then conveyed as reflux to the top of the intermediate pressure column, at a level of the low pressure column (3) which is situated above the said vessel condenser (8). Application to twin-column air distillation plants coupled to a gas turbine. <IMAGE>

IPC 1-7

F25J 3/04

IPC 8 full level

F25J 3/04 (2006.01)

CPC (source: EP)

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EP1284404A1; EP0646755A1; EP0584419A1; EP0766053A3; US6662595B2; WO2012136939A2; US9696087B2

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