

Title (en)  
Process and apparatus for the production of gaseous oxygen under pressure

Title (de)  
Druckgassauerstoffherstellungsverfahren und Apparat

Title (fr)  
Procédé et installation de production d'oxygène gazeux sous pression

Publication  
**EP 0605262 B1 20000628 (FR)**

Application  
**EP 93402665 A 19931029**

Priority  
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Abstract (en)  
[origin: EP0605262A1] According to this process, which employs a double air distillation column (5): - the low-pressure column (7) is operated under a pressure which is markedly greater than atmospheric pressure, in particular of the order of from 2 to 5 bar, and the medium-pressure column (6) is operated under a corresponding pressure, in particular of the order of from 8 to 16 bar; - the production gaseous oxygen is directly recovered in the tank of the low-pressure column, and - the apparatus is kept cold, at least partly, by free expansion of at least one gaseous product leaving the low-pressure column. Application to the production of gaseous oxygen under a pressure of a few bar. <IMAGE>

IPC 1-7  
**F25J 3/04**

IPC 8 full level  
**F25J 3/04** (2006.01)

CPC (source: EP US)  
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Citation (examination)  
• EP 0465193 A1 19920108 - AIR PROD & CHEM [US]  
• EP 0384213 A2 19900829 - LINDE AG [DE]  
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