

Title (en)
PROCESS AND APPARATUS FOR OBTAINING GASEOUS OXYGEN AT ELEVATED PRESSURE

Publication
EP 0093448 B1 19861015 (DE)

Application
EP 83104318 A 19830502

Priority
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• DE 3216510 A 19820503

Abstract (en)
[origin: US4555256A] In the production of gaseous oxygen, a process and apparatus is used which requires low temperature rectification of air. The air is compressed, purified and cooled in a first heat exchanger while a second gas stream is compressed to elevated pressure, and is cooled in a second heat exchanger. Liquid oxygen removed from rectification is pressurized to a desired pressure and is evaporated and heated in heat exchange with the compressed gas stream.

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Citation (examination)
DE 2557453 A1 19770630 - LINDE AG

Cited by
DE19529681A1; FR2805339A1; FR2995393A1; CN104620067A; FR2776057A1; US6141990A; DE19910871B4; EP0454327A1; CN1050418C; AU626752B2; DE102013017590A1; EP2801777A1; WO2014041274A1; DE102007031765A1; EP2015012A2; EP2312248A1; EP2520886A1; EP2600090A1; DE102009034979A1; DE102012017488A1; EP2963369A1; DE102007031759A1; EP2963371A1; EP2015013A2; EP2963367A1; WO2016005031A1; EP2466236A1; EP2568242A1; DE10201112909A1; WO2014154339A2; EP2963370A1; EP2458311A1; DE102010052545A1; DE102011121314A1; EP2784420A1; US10012435B2

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