

Title (en)  
MAIN CONDENSER FOR CRYOGENIC AIR SEPARATION SYSTEM

Title (de)  
HAUPTKONDENSATOR FÜR KRYOGENES LUFTTRENNSYSTEM

Title (fr)  
CONDENSEUR PRINCIPAL POUR SYSTEME CRYOGENIQUE DE SEPARATION DE L'AIR

Publication  
**EP 1929228 A2 20080611 (EN)**

Application  
**EP 06800745 A 20060802**

Priority  
• US 2006030418 W 20060802  
• US 19640505 A 20050804

Abstract (en)  
[origin: US2007028649A1] A cryogenic air separation system having a main condenser comprising a plurality of tubes having fluted external condensing surfaces upon which downflowing nitrogen vapor condenses, and having structured internal boiling surfaces upon which downflowing oxygen liquid vaporizes.

IPC 8 full level  
**F25J 3/00** (2006.01)

CPC (source: EP US)  
**F25J 3/04412** (2013.01 - US); **F25J 5/002** (2013.01 - US); **F25J 5/005** (2013.01 - EP); **F28F 1/42** (2013.01 - EP US); **F28F 1/422** (2013.01 - EP US); **F28F 13/187** (2013.01 - EP US); **F25J 2235/50** (2013.01 - EP US); **F25J 2245/50** (2013.01 - EP US); **F25J 2250/04** (2013.01 - EP US); **F25J 2290/44** (2013.01 - EP)

Citation (search report)  
See references of WO 2007019299A2

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DE FR

DOCDB simple family (publication)  
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