

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

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
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