

Title (en)

Process to produce a krypton-xenon concentrate and a gaseous oxygen product.

Title (de)

Verfahren zur Gewinnung eines Krypton-Xenonkonzentrats und ein gasförmiges Sauerstoffprodukt.

Title (fr)

Procédé pour la préparation d'un concentré krypton-xénon et un produit gazeux d'oxygène.

Publication

EP 0218741 A1 19870422 (EN)

Application

EP 85113014 A 19851014

Priority

EP 85113014 A 19851014

Abstract (en)

A krypton-xenon concentration process which also produces substantially rare gas-free oxygen gas [15,42] while requiring a stripping column substantially smaller than is required by conventional process wherein feed liquid [36] is provided directly to a reboiling zone [40] and only the vapor from the reboiling [41] zone is passed through the stripping column

IPC 1-7

F25J 3/02

IPC 8 full level

F25J 3/04 (2006.01)

CPC (source: EP)

F25J 3/04303 (2013.01); **F25J 3/04412** (2013.01); **F25J 3/04745** (2013.01); **F25J 2200/34** (2013.01); **F25J 2200/94** (2013.01); **F25J 2205/30** (2013.01); **F25J 2250/20** (2013.01)

Citation (search report)

- [A] US 4384876 A 19830524 - MORI TATSUO [JP], et al
- [A] US 4421536 A 19831220 - MORI TATSUO [JP], et al
- [A] US 4401448 A 19830830 - LA CLAIR LOUIS M [US]
- [A] FR 2113843 A3 19720630 - MESSER GRIESHEIM GMBH [DE]
- [A] GB 1189975 A 19700429 - MESSER GRIESHEIM GMBH [DE]

Cited by

DE4332870C2; US5386686A; CN102721262A; DE102013017590A1; WO2010019308A3

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0218741 A1 19870422; EP 0218741 B1 19891213; AT E48691 T1 19891215; DE 3574770 D1 19900118

DOCDB simple family (application)

EP 85113014 A 19851014; AT 85113014 T 19851014; DE 3574770 T 19851014