

Title (en)

APPARATUS FOR GENERATING F SB 2 /sb GAS AND METHOD FOR GENERATING F SB 2 /SB GAS, AND F SB 2 /SB GAS

Title (de)

VORRICHTUNG ZUR ERZEUGUNG VON F2-GAS UND VERFAHREN ZUR ERZEUGUNG VON F2-GAS SOWIE F2-GAS

Title (fr)

APPAREIL ET PROCEDE DE PRODUCTION D'UN GAZ F SB 2 /SB ET GAZ F SB 2 /SB AINSI OBTENU

Publication

**EP 1457586 A4 20050713 (EN)**

Application

**EP 02783802 A 20021209**

Priority

- JP 0212868 W 20021209
- JP 2001382722 A 20011217

Abstract (en)

[origin: EP1457586A1] An F2 gas generating apparatus for generating a high purity F2 gas by subjecting an electrolytic bath made of KF.2HF to electrolysis is characterized by comprising a preparing system for preparing KF.2HF from KF or KF.HF, an HF supplying system for supplying HF into the electrolytic bath and the preparing system, and an F2 gas generating system for generating the F2 gas by subjecting KF.2HF prepared by the preparing system to electrolysis. <IMAGE>

IPC 1-7

**C25B 1/24**; **C25B 15/02**

IPC 8 full level

**C25B 1/24** (2006.01); **C25B 15/00** (2006.01)

CPC (source: EP KR US)

**C25B 1/245** (2013.01 - EP KR US); **C25B 15/00** (2013.01 - EP US); **C25B 15/021** (2021.01 - KR); **C25B 15/085** (2021.01 - KR)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 03052167A1

Cited by

EP2476783A4

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1457586 A1 20040915**; **EP 1457586 A4 20050713**; AU 2002349510 A1 20030630; CN 1327032 C 20070718; CN 1604970 A 20050406; JP 3569279 B2 20040922; JP WO2003052167 A1 20050428; KR 100712345 B1 20070502; KR 20040062648 A 20040707; TW 200301316 A 20030701; TW 593774 B 20040621; US 2005006248 A1 20050113; WO 03052167 A1 20030626

DOCDB simple family (application)

**EP 02783802 A 20021209**; AU 2002349510 A 20021209; CN 02825158 A 20021209; JP 0212868 W 20021209; JP 2003553033 A 20021209; KR 20047007949 A 20021209; TW 91136005 A 20021212; US 49715804 A 20040607