

Title (en)  
FLUORINE GAS GENERATION DEVICE

Title (de)  
VORRICHTUNG ZUR ERZEUGUNG VON FLUORGAS

Title (fr)  
DISPOSITIF DE GÉNÉRATION DE GAZ DE FLUOR

Publication  
**EP 2415906 A1 20120208 (EN)**

Application  
**EP 10758387 A 20100304**

Priority  
• JP 2010054061 W 20100304  
• JP 2009089444 A 20090401

Abstract (en)  
A refining device is provided to remove hydrogen fluoride gas that is vaporized from molten salt and intermixed into a main product gas. Two refining devices are disposed parallel to each other, each refining device includes a cooling device that cools a gas inflow portion such that the hydrogen fluoride gas coagulates while the fluorine gas passes through the gas inflow portion. A control device performs an operation changeover on the refining device on the basis of a detection result from a detector that detects an accumulation condition of the hydrogen fluoride in the gas inflow portion so that fluorine gas is led into a refining device on standby, and sets a refining device stopped by the operation changeover in a standby condition by discharging the hydrogen fluoride from the gas inflow portion of the stopped refining device and supplying fluorine gas to the gas inflow portion thereof.

IPC 8 full level  
**C25B 1/24** (2006.01); **C25B 9/00** (2006.01); **C25B 15/08** (2006.01)

CPC (source: EP KR)  
**C25B 1/245** (2013.01 - EP KR); **C25B 9/00** (2013.01 - KR); **C25B 15/021** (2021.01 - KR); **C25B 15/08** (2013.01 - EP KR)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2415906 A1 20120208**; **EP 2415906 A4 20120829**; CN 102369311 A 20120307; JP 2010242127 A 20101028; JP 5572981 B2 20140820; KR 20110129914 A 20111202; WO 2010113611 A1 20101007

DOCDB simple family (application)  
**EP 10758387 A 20100304**; CN 201080014702 A 20100304; JP 2009089444 A 20090401; JP 2010054061 W 20100304; KR 20117022150 A 20100304