

Title (en)

SYSTEM AND METHOD FOR HIGH FLOW DELIVERY OF NH3 FOR FLAT DISPLAY PANEL MANUFACTURE

Title (de)

SYSTEM UND VERFAHREN ZUR ZUFUHR VON NH3 MIT HOHEM DURCHFLUSS ZUR HERSTELLUNG VON FLACHEN ANZEIGEPANEELN

Title (fr)

SYSTEME ET PROCEDE D'ACHEMINEMENT A HAUT DEBIT DE NH3 POUR LA FABRICATION D'ECRANS PLATS

Publication

**EP 1756468 A1 20070228 (EN)**

Application

**EP 04735932 A 20040603**

Priority

IB 2004001815 W 20040603

Abstract (en)

[origin: WO2005119121A1] A system for high flow delivery of a liquefied product such as liquid ammonia to a flat display panel manufacture location or the like comprising means for bulk storage of liquefied product which includes at least one container to store said product in liquid phase with a gaseous phase of said product located above said liquid product, liquid supply delivery means for flowing said liquid product from said bulk storage means to main vaporizer means while keeping said liquid product substantially in liquid form throughout said delivery to said main vaporizer means and main vaporizer means to vaporize said liquid product in response to the request of gaseous product made at the location of manufacture.

IPC 8 full level

**F17C 7/04** (2006.01); **F17C 9/02** (2006.01); **F17C 13/02** (2006.01)

CPC (source: EP)

**F17C 9/02** (2013.01); **F17C 13/021** (2013.01); **F17C 13/023** (2013.01); **F17C 13/025** (2013.01); **F17C 13/026** (2013.01);  
**F17C 2201/0104** (2013.01); **F17C 2201/035** (2013.01); **F17C 2201/052** (2013.01); **F17C 2201/054** (2013.01); **F17C 2205/0142** (2013.01);  
**F17C 2205/0146** (2013.01); **F17C 2205/0355** (2013.01); **F17C 2221/01** (2013.01); **F17C 2221/03** (2013.01); **F17C 2223/0153** (2013.01);  
**F17C 2223/033** (2013.01); **F17C 2223/035** (2013.01); **F17C 2223/047** (2013.01); **F17C 2225/0123** (2013.01); **F17C 2225/035** (2013.01);  
**F17C 2227/0107** (2013.01); **F17C 2227/0135** (2013.01); **F17C 2227/0304** (2013.01); **F17C 2227/0309** (2013.01); **F17C 2227/0393** (2013.01);  
**F17C 2227/042** (2013.01); **F17C 2227/044** (2013.01); **F17C 2227/045** (2013.01); **F17C 2250/01** (2013.01); **F17C 2250/032** (2013.01);  
**F17C 2250/036** (2013.01); **F17C 2250/0408** (2013.01); **F17C 2250/0421** (2013.01); **F17C 2250/043** (2013.01); **F17C 2250/0439** (2013.01);  
**F17C 2250/0626** (2013.01); **F17C 2250/077** (2013.01); **F17C 2270/0518** (2013.01)

Citation (search report)

See references of WO 2005119121A1

Cited by

EP3230649A4; EP3149390B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

**WO 2005119121 A1 20051215**; AT E439547 T1 20090815; DE 602004022596 D1 20090924; EP 1756468 A1 20070228;  
EP 1756468 B1 20090812; JP 2008501903 A 20080124

DOCDB simple family (application)

**IB 2004001815 W 20040603**; AT 04735932 T 20040603; DE 602004022596 T 20040603; EP 04735932 A 20040603; JP 2007514151 A 20040603