

Title (en)
CENTRIFUGAL WET GAS COMPRESSION OR EXPANSION WITH A SLUG SUPPRESSOR AND/OR ATOMIZER

Title (de)
ZENTRIFUGALE FLÜSSIGGASKOMPRESSION ODER -EXPANSION MIT EINEM BLASENUNTERRÜCKER UND/ODER EINEM ZERSTÄUBER

Title (fr)
COMPRESSION OU DÉTENTE DE GAZ HUMIDE CENTRIFUGE AVEC UN SUPPRESSEUR ET/OU UN PULVÉRISATEUR DE GRUMEAUX

Publication
EP 2504497 A1 20121003 (EN)

Application
EP 10833743 A 20101022

Priority

- US 26441409 P 20091125
- US 2010053774 W 20101022

Abstract (en)
[origin: WO2011066050A1] This disclosure is to an apparatus and method for increasing the ability of centrifugal compressors or expanders to handle multiphase fluids with increased liquid content by passing the fluid through a slug suppressor and/or an atomizing device prior to compression or expansion.

IPC 8 full level
E03B 1/00 (2006.01)

CPC (source: EP US)
F04D 29/5846 (2013.01 - EP US); **F04D 31/00** (2013.01 - EP US)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011066050 A1 20110603; AU 2010325127 A1 20120607; AU 2010325127 B2 20160428; BR 112012012489 A2 20200811;
BR 112012012489 B1 20210629; CA 2777868 A1 20110603; CA 2777868 C 20180731; CN 102667017 A 20120912; CN 102667017 B 20150819;
EP 2504497 A1 20121003; EP 2504497 A4 20180418; EP 2504497 B1 20190522; JP 2013512089 A 20130411; JP 5763667 B2 20150812;
RU 2012126170 A 20131227; RU 2552083 C2 20150610; SG 10201407025T A 20141230; US 2012224980 A1 20120906

DOCDB simple family (application)
US 2010053774 W 20101022; AU 2010325127 A 20101022; BR 112012012489 A 20101022; CA 2777868 A 20101022;
CN 201080053215 A 20101022; EP 10833743 A 20101022; JP 2012541083 A 20101022; RU 2012126170 A 20101022;
SG 10201407025T A 20101022; US 201013500534 A 20101022