

Title (en)

METHOD OF OBTAINING OR MAINTAINING OPTICAL TRANSMITTANCE INTO DEAERATED LIQUID

Title (de)

VERFAHREN ZUR GEWINNUNG ODER ERHALTUNG VON OPTISCHEN DURCHLÄSSIGKEIT IN ENTLÜFTETER FLÜSSIGKEIT

Title (fr)

PROCÉDÉ D'OBTENTION OU DE MAINTIEN DE LA TRANSMITTANCE OPTIQUE DANS UN LIQUIDE DÉSAÉRÉ

Publication

EP 3243096 A1 20171115 (EN)

Application

EP 16735477 A 20160108

Priority

- US 201514592219 A 20150108
- US 201514596691 A 20150114
- US 2016012648 W 20160108

Abstract (en)

[origin: WO2016112291A1] Methods of obtaining or maintaining optical transference into deaerated liquid in contact with a light transference medium are disclosed. The methods comprise contacting a liquid chemical agent to a wetted surface of a light transference medium. The liquid chemical agent is selected from an acid, a chelant, a reducing agent, or combinations thereof, for a period of time and at a concentration sufficient to clean the wetted surface of the light transference medium. The methods may further comprise applying ultrasonic energy at a wavelength (λ) into deaerated liquid in contact with a light transference medium.

IPC 8 full level

G02B 27/00 (2006.01); **B65G 45/22** (2006.01); **G01N 21/15** (2006.01)

CPC (source: EP KR)

B08B 3/04 (2013.01 - EP); **G01N 21/15** (2013.01 - EP KR); **G02B 1/18** (2015.01 - KR); **G01N 2021/154** (2013.01 - KR);
G01N 2021/155 (2013.01 - EP); **G01N 2021/157** (2013.01 - EP)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016112291 A1 20160714; BR 112017014863 A2 20180206; CA 2973098 A1 20160714; CL 2017001781 A1 20180216;
EP 3243096 A1 20171115; EP 3243096 A4 20180704; KR 20170101935 A 20170906; MX 2017009002 A 20171113;
SG 11201705593R A 20170830

DOCDB simple family (application)

US 2016012648 W 20160108; BR 112017014863 A 20160108; CA 2973098 A 20160108; CL 2017001781 A 20170706;
EP 16735477 A 20160108; KR 20177018777 A 20160108; MX 2017009002 A 20160108; SG 11201705593R A 20160108