

Title (en)

COMPRESSOR SYSTEM, SUBSEA PRODUCTION SYSTEM PROVIDED THEREWITH, AND COMPRESSOR CLEANING METHOD

Title (de)

VERDICHTERSYSTEM, DAMIT AUSGESTATTETES UNTERWASSERPRODUKTIONSSYSTEM UND VERDICHTERREINIGUNGSVERFAHREN

Title (fr)

SYSTÈME DE COMPRESSEUR, SYSTÈME DE PRODUCTION SOUS-MARIN POURVU DE CELUI-CI ET PROCÉDÉ DE NETTOYAGE DE COMPRESSEUR

Publication

EP 3156586 A4 20170712 (EN)

Application

EP 15821707 A 20150121

Priority

- JP 2014147604 A 20140718
- JP 2015051547 W 20150121

Abstract (en)

[origin: EP3156586A1] A compressor system includes a compressor (50) configured to compress a gas, a compressed gas circulation unit (52) in which a gas compressed by the compressor (50) circulates, a hydrate anti freezing agent supply unit (53) configured to supply a hydrate anti freezing agent for preventing hydration of the gas to the compressed gas circulation unit (52), a compressor hydrate anti freezing agent supply unit (54) configured to supply part of the hydrate anti freezing agent supplied from the hydrate anti freezing agent supply unit (53) to the compressor (50), and a pressure changing unit (59) configured to change a pressure of the hydrate anti freezing agent inside the compressor (50).

IPC 8 full level

E21B 43/12 (2006.01); **E21C 50/00** (2006.01); **F04D 17/12** (2006.01); **F04D 25/06** (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP US)

E21B 43/12 (2013.01 - EP US); **E21B 43/36** (2013.01 - EP US); **E21C 50/00** (2013.01 - EP US); **F04D 17/12** (2013.01 - EP); **F04D 25/0686** (2013.01 - EP US); **F04D 29/705** (2013.01 - EP US); **F04D 17/12** (2013.01 - US)

Citation (search report)

- [XYI] US 2009311108 A1 20091217 - MATHIJSEN GASTON [NL], et al
- [YA] WO 2007004886 A1 20070111 - AKER KVAERNER SUBSEA AS [NO], et al
- See references of WO 2016009659A1

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)

EP 3156586 A1 20170419; **EP 3156586 A4 20170712**; CN 106536853 A 20170322; JP 2016023452 A 20160208; US 2017211594 A1 20170727; WO 2016009659 A1 20160121

DOCDB simple family (application)

EP 15821707 A 20150121; CN 201580038303 A 20150121; JP 2014147604 A 20140718; JP 2015051547 W 20150121; US 201515326939 A 20150121