

Title (en)

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

Title (de)

VERDICHTERSYSTEM, UNTERWASSERPRODUKTIONSSYSTEM DAMIT UND VERDICHTERREINIGUNGSVERFAHREN

Title (fr)

SYSTÈME DE COMPRESSEUR, SYSTÈME DE PRODUCTION SOUS-MARIN LE COMPORTANT, ET PROCÉDÉ DE NETTOYAGE DE COMPRESSEUR

Publication

**EP 3156665 A4 20170719 (EN)**

Application

**EP 15821658 A 20150121**

Priority

- JP 2014147603 A 20140718
- JP 2015051529 W 20150121

Abstract (en)

[origin: EP3156665A1] A compressor system includes a compressor (50) that includes a casing, a rotation shaft supported in the casing and an impeller that rotates together with the rotation shaft and compresses a gas. The compressor system includes a compressed gas circulation unit (52) in which the gas compressed by the compressor (50) circulates, a hydrate anti freezing agent supply unit (53) configured to supply a hydrate anti freezing agent that prevents hydration of the gas to the compressed gas circulation unit (52), and an internal hydrate anti freezing agent supply unit (54) configured to supply part of the hydrate anti freezing agent to an internal flow path of the compressor (50).

IPC 8 full level

**F04D 29/70** (2006.01); **E21B 37/06** (2006.01); **F04D 17/12** (2006.01); **F04D 25/06** (2006.01); **F04D 27/00** (2006.01)

CPC (source: EP US)

**E21B 37/06** (2013.01 - EP US); **E21B 43/01** (2013.01 - EP US); **E21B 43/36** (2013.01 - EP US); **F04D 17/122** (2013.01 - EP US); **F04D 25/0686** (2013.01 - EP US); **F04D 27/001** (2013.01 - US); **F04D 29/701** (2013.01 - US); **F04D 29/705** (2013.01 - EP US); **F04D 17/12** (2013.01 - US); **F04D 29/403** (2013.01 - US)

Citation (search report)

- [XII] WO 2007004886 A1 20070111 - AKER KVAERNER SUBSEA AS [NO], et al
- [XI] US 2012186605 A1 20120726 - NAKANIWA AKIHIRO [JP]
- [XI] US 2009311108 A1 20091217 - MATHIJSEN GASTON [NL], et al
- [A] CA 2876328 A1 20131219 - STATOIL PETROLEUM AS [NO]
- See references of WO 2016009658A1

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 3156665 A1 20170419**; **EP 3156665 A4 20170719**; CN 106489029 A 20170308; JP 2016023578 A 20160208; US 2017198724 A1 20170713; WO 2016009658 A1 20160121

DOCDB simple family (application)

**EP 15821658 A 20150121**; CN 201580037321 A 20150121; JP 2014147603 A 20140718; JP 2015051529 W 20150121; US 201515326858 A 20150121