

Title (en)

METHOD FOR TESTING AN OVERSPEED PROTECTION SYSTEM OF A COMBINED CYCLE PLANT WITH SINGLE SHAFT SYSTEM

Title (de)

VERFAHREN ZUM TESTEN EINES ÜBERDREHZAHLSCHUTZES EINER GUD-EINWELLENANLAGE

Title (fr)

PROCÉDÉ DE TEST D'UNE PROTECTION CONTRE LE SURRÉGIME D'UNE INSTALLATION GUD À UN ARBRE

Publication

**EP 2984301 B1 20170426 (DE)**

Application

**EP 14728486 A 20140526**

Priority

- EP 13170738 A 20130606
- EP 2014060773 W 20140526
- EP 14728486 A 20140526

Abstract (en)

[origin: WO2014195163A1] The invention relates to a method for testing an overspeed protection mechanism of a single-shaft combined-cycle plant (1). During testing, an electrical load is first connected to the generator (4) and the load is disconnected and a trigger threshold value can be achieved at a test moment in time, thereby triggering the overspeed protection mechanism.

IPC 8 full level

**F01D 21/00** (2006.01); **F01D 21/20** (2006.01)

CPC (source: EP RU US)

**F01D 21/003** (2013.01 - EP US); **F01D 21/20** (2013.01 - EP US); **F01D 21/20** (2013.01 - RU); **F05D 2220/31** (2013.01 - EP US); **F05D 2220/32** (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)

**EP 2811119 A1 20141210**; CN 105264182 A 20160120; CN 105264182 B 20161228; EP 2984301 A1 20160217; EP 2984301 B1 20170426; JP 2016523331 A 20160808; JP 6185162 B2 20170823; KR 101846639 B1 20180406; KR 20160015310 A 20160212; PL 2984301 T3 20171031; RU 2015155901 A 20170717; RU 2629244 C2 20170828; US 2016123183 A1 20160505; US 9976440 B2 20180522; WO 2014195163 A1 20141211

DOCDB simple family (application)

**EP 13170738 A 20130606**; CN 201480032268 A 20140526; EP 14728486 A 20140526; EP 2014060773 W 20140526; JP 2016517228 A 20140526; KR 20157037052 A 20140526; PL 14728486 T 20140526; RU 2015155901 A 20140526; US 201414895071 A 20140526