

Title (en)

CONTROL SYSTEM FOR CONTROLLING A POSITIVE DISPLACEMENT PUMP

Title (de)

STEUERUNGSSYSTEM ZUR STEUERUNG EINER VERDRÄNGERPUMPE

Title (fr)

SYSTÈME DE COMMANDE PERMETTANT DE COMMANDER UNE POMPE À DÉPLACEMENT POSITIF

Publication

**EP 3207253 A1 20170823 (EN)**

Application

**EP 15775820 A 20150917**

Priority

- IT PR20140070 A 20141015
- IB 2015057150 W 20150917

Abstract (en)

[origin: WO2016059492A1] A control system comprising: - a variable volume positive displacement rotary pump (2), in turn comprising: i) a stator (20) that is movable so as to determine a variation in the volume of the pump (2); ii) a first and a second thrust chamber (21, 22) for thrusting the stator (20) and designed to be filled with a fluid processed by the pump so as to regulate the movement of the stator (20); -a supply line (3) for supplying the fluid processed by the pump (2) to a load. -an element (4) that defines a localized loss in load, said element (4) being located along said supply line (3); The first and second thrust chambers (21, 22) are supplied upstream and downstream of said element (4) that defines a localized loss in load, respectively.

IPC 8 full level

**F04C 2/344** (2006.01); **F04C 14/22** (2006.01)

CPC (source: EP)

**E04B 1/26** (2013.01); **F04C 2/344** (2013.01); **F04C 14/226** (2013.01); **E04B 2001/2672** (2013.01); **E04B 2001/2696** (2013.01)

Citation (search report)

See references of WO 2016059492A1

Citation (examination)

US 2006104823 A1 20060518 - HUNTER DOUGLAS G [US], et al

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 2016059492 A1 20160421**; EP 3207253 A1 20170823

DOCDB simple family (application)

**IB 2015057150 W 20150917**; EP 15775820 A 20150917