

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)

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Designated extension state (EPC)

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