

Title (en)

DISPLACEMENT ADJUSTMENT SYSTEM FOR A VARIABLE DISPLACEMENT PUMP

Title (de)

VERDRÄNGUNGSEINSTELLUNGSSYSTEM FÜR EINE VARIABLE VERDRÄNGERPUMPE

Title (fr)

SYSTÈME D'AJUSTEMENT DE DÉBIT POUR POMPE À DÉBIT VARIABLE

Publication

**EP 3899282 A1 20211027 (EN)**

Application

**EP 19818191 A 20191218**

Priority

- IT 201800020377 A 20181220
- EP 2019085961 W 20191218

Abstract (en)

[origin: WO2020127491A1] Displacement adjustment system (10) for a variable displacement pump (11), which comprises a variable displacement pump (11) and a pressure control spool valve (13). The pressure control spool valve (30) comprises an outer valve body (31), a spool (32) capable of sliding in said valve body (31) and having a first piston (33) and a second piston (34), and a resilient return element (38).

IPC 8 full level

**F04C 14/22** (2006.01)

CPC (source: EP)

**F04C 14/226** (2013.01); **F04C 2/3441** (2013.01); **F04C 28/22** (2013.01)

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 2020127491 A1 20200625**; EP 3899282 A1 20211027; IT 201800020377 A1 20200620

DOCDB simple family (application)

**EP 2019085961 W 20191218**; EP 19818191 A 20191218; IT 201800020377 A 20181220