

Title (en)

Pressure accumulator assembly and device with such a pressure accumulator assembly

Title (de)

Druckspeicheranordnung und Vorrichtung mit einer solchen Druckspeicheranordnung

Title (fr)

Agencement d'accumulateur de pression et dispositif doté d'un tel agencement d'accumulateur de pression

Publication

**EP 2703651 A3 20180307 (DE)**

Application

**EP 13004059 A 20130814**

Priority

DE 102012017003 A 20120828

Abstract (en)

[origin: EP2703651A2] The assembly (1) has two pressure storage units (3, 5) connectable with a hydraulic load (11) i.e. piston cylinder unit (13), and with a supply source (15) i.e. pump (49), at respective fluid sides (9, 17). The storage units are gas-conductively linked with one another at gas sides (19, 21) by a regulation device (25). One of the storage units exhibits a target pressure parameter for the load at a target pressure deviation that exceeds a predetermined value by the regulating device, where the other storage unit remains gas-conductively connected until the deviation falls below the value. The pressure storage units are formed as a diaphragm storage unit and a piston storage unit respectively. An independent claim is also included for a rope tensioning device.

IPC 8 full level

**F15B 1/033** (2006.01)

CPC (source: EP)

**F15B 1/033** (2013.01); **F15B 2201/205** (2013.01); **F15B 2201/31** (2013.01); **F15B 2201/3151** (2013.01); **F15B 2201/411** (2013.01); **F15B 2201/4155** (2013.01); **F15B 2201/51** (2013.01)

Citation (search report)

- [X] DE 19830506 A1 20000120 - HYDAC TECHNOLOGY GMBH [DE]
- [X] JP H0490917 A 19920324 - HINO MOTORS LTD
- [A] EP 1314586 A2 20030528 - DAIMLER CHRYSLER AG [DE]
- [A] JP S6056617 A 19850402 - KAYABA INDUSTRY CO LTD

Cited by

CN110594241A

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 2703651 A2 20140305; EP 2703651 A3 20180307; EP 2703651 B1 20220202**; DE 102012017003 A1 20140515

DOCDB simple family (application)

**EP 13004059 A 20130814**; DE 102012017003 A 20120828