

Title (en)

PRESSURE ACCUMULATOR ARRANGEMENT FOR A CAMSHAFT ADJUSTING SYSTEM

Title (de)

DRUCKSPEICHERANORDNUNG FÜR EIN NOCKENWELLENVERSTELLSYSTEM

Title (fr)

SYSTÈME D'ACCUMULATION DE PRESSION POUR UN SYSTÈME DE RÉGLAGE D'ARBRE À CAMES

Publication

EP 2564040 B1 20170830 (DE)

Application

EP 11714014 A 20110404

Priority

- DE 102010018203 A 20100426
- EP 2011055173 W 20110404

Abstract (en)

[origin: WO2011134740A1] The invention relates to a pressure accumulator arrangement in a camshaft for a camshaft adjusting system of an internal combustion engine, having at least one pressure accumulator and at least one control valve, characterized in that the pressure accumulator and control valve are connected to form a structural unit.

IPC 8 full level

F01L 1/344 (2006.01)

CPC (source: EP US)

F01L 1/344 (2013.01 - EP US); **F01L 2001/34446** (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)

DE 102010018203 A1 20111027; CN 102859129 A 20130102; CN 102859129 B 20150218; EP 2564040 A1 20130306; EP 2564040 B1 20170830; US 2013008399 A1 20130110; US 8820282 B2 20140902; WO 2011134740 A1 20111103

DOCDB simple family (application)

DE 102010018203 A 20100426; CN 201180021121 A 20110404; EP 11714014 A 20110404; EP 2011055173 W 20110404; US 201113638032 A 20110404