

Title (en)

DEVICE FOR CONTROLLING A CAMSHAFT PHASER

Title (de)

VORRICHTUNG ZUR STEUERUNG EINES NOCKENWELLENVERSTELLERS

Title (fr)

DISPOSITIF DE COMMANDE D'UN DEPHASEUR D'ARBRE A CAMES

Publication

EP 3818254 A1 20210512 (FR)

Application

EP 19732402 A 20190627

Priority

- FR 1856149 A 20180704
- EP 2019067182 W 20190627

Abstract (en)

[origin: WO2020007709A1] Device (12) for controlling a camshaft phaser (13), comprising: - a hydraulic element (16) which comprises a body (28), a tray assembly (30) having a tray member (36) and a valve assembly (34) comprising a first valve (70), a second valve (71) and a third valve (73) and; - an actuator (14) which can move along a longitudinal axis (X) between: - a first position in which the first valve (70) opens or closes a first fluid communication (F1) and, - a second position in which the second valve (71) and the tray member (36) open or close a second fluid communication (F2) and, - a third position in which the third valve (73) and the tray member (36) open or close a third fluid communication (F3) between a delay port (48) and a delay chamber.

IPC 8 full level

F01L 1/344 (2006.01); **F16K 15/00** (2006.01)

CPC (source: EP KR US)

F01L 1/047 (2013.01 - US); **F01L 1/3442** (2013.01 - EP KR US); **F16K 11/0708** (2013.01 - EP KR); **F16K 11/0716** (2013.01 - EP KR); **F16K 15/1401** (2021.08 - KR); **F16K 15/16** (2013.01 - EP US); **F16K 31/0613** (2013.01 - EP KR US); **F01L 2001/34426** (2013.01 - US); **F01L 2001/3443** (2013.01 - EP KR US); **F01L 2001/34463** (2013.01 - US); **F01L 2013/101** (2013.01 - US); **F01L 2303/00** (2020.05 - EP KR); **F01L 2820/031** (2013.01 - US)

Designated contracting state (EPC)

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Designated extension state (EPC)

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