

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
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