

Title (en)
Valve timing controller of an internal combustion engine

Title (de)
Ventilverstelleinrichtung einer Brennkraftmaschine

Title (fr)
Système déphaseur d'un moteur à combustion interne

Publication
EP 1505267 B1 20090610 (EN)

Application
EP 04018491 A 20040804

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JP 2003205822 A 20030804

Abstract (en)
[origin: EP1505267A1] Valve timing controller of an engine comprising internal and external rotors (26,28), being rotatable relative to each other, and at least one hydraulic chamber (43), which is arranged between the rotors and is divided into a timing-advance-side hydraulic chamber (44) and a timing-retard-side hydraulic chamber (45), wherein a timing-advance path (48) of a timing-advance-side oil path communicating with the timing-advance-side hydraulic chamber and a timing-retard path (49) of a timing-retard-side oil path communicating with the timing-retard-side hydraulic chamber are respectively provided on both sides relative to a layout position of the internal rotor and the external rotor. <IMAGE>

IPC 8 full level
F01L 1/053 (2006.01); **F01M 1/06** (2006.01); **F01L 1/047** (2006.01); **F01L 1/34** (2006.01); **F01L 1/344** (2006.01); **F01M 9/10** (2006.01); **F02D 13/02** (2006.01)

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Cited by
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