

Title (en)  
Valve timing changing device

Title (de)  
Vorrichtung zur Änderung der Ventilsteuerzeit

Title (fr)  
Dispositif de changement de temporisation de soupape

Publication  
**EP 2434111 B1 20130807 (EN)**

Application  
**EP 11182341 A 20110922**

Priority  
JP 2010211659 A 20100922

Abstract (en)  
[origin: EP2434111A1] A valve timing changing device is provided with a housing rotor (30) which is rotated on an axis line of a cam shaft as being interlocked with rotation of a crank shaft, a vane rotor (20) which is accommodated in an accommodation room (A1) of the housing rotor (30) as being relatively rotatable in a predetermined angle range and which is rotated integrally with the cam shaft, and a lock mechanism which locks the vane rotor (20) against the housing rotor (30) at a specified position in the predetermined angle range. Here, the housing rotor (30) defines an isolation room (A2) isolated from the accommodation room (A1) which accommodates the vane rotor (20), and the lock mechanism is arranged in the isolation room (A2).

IPC 8 full level  
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CPC (source: EP)  
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