

Title (en)
Camshaft phaser

Title (de)
Nockenwellenversteller

Title (fr)
Déphaseur d'arbre à cames

Publication
EP 1596040 B1 20101013 (DE)

Application
EP 05005812 A 20050317

Priority
DE 102004023976 A 20040514

Abstract (en)
[origin: EP1596040A2] The plate has a drive wheel (2), propelled by a crankshaft. A cam shaft-firm drive output (3) is connected to the cam shaft. The drive wheel is propelled over a hydraulic control drive. The control drive is from a pair of hydraulic pressure chambers working against each other (12, 13). The pressure chambers are arranged over a distributor (14). The cam shaft together with a cylinder head construction unit (55) has a cam shaft axial-thrust bearing.

IPC 8 full level
F01L 1/04 (2006.01); **F01L 1/344** (2006.01); **F01L 1/34** (2006.01); **F01L 9/10** (2021.01)

CPC (source: EP KR US)
F01L 1/34 (2013.01 - EP US); **F01L 1/3442** (2013.01 - EP US); **F01L 9/00** (2013.01 - KR); **F01L 13/00** (2013.01 - KR); **F01L 2001/0475** (2013.01 - EP US); **F01L 2001/34433** (2013.01 - EP US)

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CN 1696476 A 20051116; CN 1696476 B 20110608; DE 502005010369 D1 20101125; JP 2005325836 A 20051124; JP 4563859 B2 20101013;
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