

Title (en)  
ROTATION CONTROL APPARATUS OF CVVT

Title (de)  
DREHRICHTUNGSSTEUERUNGSVORRICHTUNG VON CVVT

Title (fr)  
APPAREIL DE COMMANDE DE ROTATION DE CVVT

Publication  
**EP 3109422 A3 20170111 (EN)**

Application  
**EP 15196013 A 20151124**

Priority  
KR 20150091602 A 20150626

Abstract (en)  
[origin: EP3109422A2] The present disclosure provides generally for a rotation control apparatus of a CVVT (Continuous Variable Valve Timing) that includes an advanced-angle compensating unit. This unit may be disposed at a rotor to always apply torque in an advancing direction of the rotor between the rotor and a stator. This unit may achieve self-locking of a lock pin to provide rotational control of a CVVT

IPC 8 full level  
**F01L 1/344** (2006.01)

CPC (source: CN EP US)  
**F01L 1/344** (2013.01 - CN US); **F01L 1/3442** (2013.01 - CN EP US); **F01L 2001/34466** (2013.01 - CN); **F01L 2001/34483** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3109422 A2 20161228; EP 3109422 A3 20170111**; CN 106285821 A 20170104; KR 101646469 B1 20160808; US 2016376940 A1 20161229

DOCDB simple family (application)  
**EP 15196013 A 20151124**; CN 201510882821 A 20151203; KR 20150091602 A 20150626; US 201514946347 A 20151119