

Title (en)

CAMSHAFT WITH CAMSHAFT ADJUSTER

Title (de)

NOCKENWELLE MIT NOCKENWELLENVERSTELLER

Title (fr)

ARBRE À CAMES COMPORTANT UN DISPOSITIF DE RÉGLAGE D'ARBRE À CAMES

Publication

**EP 2459852 A2 20120606 (DE)**

Application

**EP 10814687 A 20100710**

Priority

- DE 102009035632 A 20090731
- EP 2010004219 W 20100710

Abstract (en)

[origin: DE102009035632B3] The camshaft comprises a camshaft pipe (1), a hydraulic camshaft adjuster (2), a valve (3) for controlling the hydraulic fluid supplied to the camshaft adjuster, and an actuation unit (5) arranged in an inner chamber (4) of the camshaft pipe for actuating the valve, which is locked in axial direction against shifting.

IPC 8 full level

**F01L 1/344** (2006.01); **F01L 9/20** (2021.01)

CPC (source: EP US)

**F01L 1/344** (2013.01 - EP US); **F01L 9/20** (2021.01 - US); **F01L 1/3442** (2013.01 - EP US); **F01L 2001/0475** (2013.01 - EP US); **F01L 2001/34426** (2013.01 - EP US); **F01L 2001/3443** (2013.01 - EP US); **F01L 2001/34433** (2013.01 - EP US); **F01L 2301/00** (2020.05 - EP US); **F01L 2820/041** (2013.01 - EP US)

Citation (search report)

See references of WO 2011060840A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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