

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 B1 20141210 (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)

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DOCDB simple family (publication)

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