

Title (en)

ELECTRICALLY DRIVEN CAMSHAFT ADJUSTER

Title (de)

NOCKENWELLENVERSTELLER MIT ELEKTRISCHEM ANTRIEB

Title (fr)

REGULATEUR D'ARBRE A CAMES A COMMANDE ELECTRIQUE

Publication

**EP 1766197 A1 20070328 (DE)**

Application

**EP 05750465 A 20050615**

Priority

- EP 2005006387 W 20050615
- DE 102004033522 A 20040710

Abstract (en)

[origin: WO2006005406A1] The invention relates to an adjusting device (1) of adjusting the relative rotation angle position of a camshaft (3) relative to a crankshaft. Said adjusting device comprises a drive element (4) which is stationarily mounted on the crankshaft and a drive element (5) which is stationarily mounted on the camshaft. The adjusting device (1) comprises an adjusting motor (2) as the primary adjusting device and an auxiliary drive (11) as the secondary adjusting device. When the adjusting motor (2) fails, the camshaft (3) can be adjusted to a stationary rotation angle position, an emergency operation position, by means of the auxiliary drive (11).

IPC 8 full level

**F01L 1/34** (2006.01); **F01L 1/352** (2006.01); **F01L 1/46** (2006.01)

CPC (source: EP US)

**F01L 1/352** (2013.01 - EP US); **F01L 1/344** (2013.01 - EP US); **F01L 2001/34473** (2013.01 - EP US); **F01L 2800/12** (2013.01 - EP US); **F01L 2820/032** (2013.01 - EP US)

Citation (search report)

See references of WO 2006005406A1

Cited by

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