

Title (en)

ELECTROMECHANICAL DEVICE FOR CONTROLLING A VARIABLE COMPRESSION RATIO ENGINE

Title (de)

ELEKTROMECHANISCHE VORRICHTUNG ZUR STEUERUNG EINES MOTORS MIT VARIABLER VERDICHTUNG

Title (fr)

DISPOSITIF ELECTROMECHANIQUE DE COMMANDE D'UN MOTEUR A RAPPORT VOLUMETRIQUE VARIABLE

Publication

EP 1979595 B1 20121024 (FR)

Application

EP 07730865 A 20070126

Priority

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- FR 0600708 A 20060126
- US 76290406 P 20060130

Abstract (en)

[origin: FR2896538A1] The device has a mechanical unit (801) transmits movement between an electric motor and a control rod (20) of a control jack (8) of a control device (12). The unit (801) has a cam shaft (803) which has a cam (804), where the cam shaft is positioned above a cylinder head of the jack of an engine. The unit (801) has a toothed wheel shaft which has a toothed wheel cooperating with a toothed wheel cooperating with a small rack mounted at end of the rod of the engine.

IPC 8 full level

F02D 15/02 (2006.01)

CPC (source: EP KR US)

F01B 9/04 (2013.01 - KR); **F01B 9/047** (2013.01 - EP US); **F01L 1/022** (2013.01 - EP US); **F01L 1/182** (2013.01 - EP US); **F01L 1/46** (2013.01 - EP US); **F01L 9/20** (2021.01 - EP US); **F01L 9/22** (2021.01 - EP); **F02B 75/04** (2013.01 - KR); **F02B 75/048** (2013.01 - EP US); **F02D 15/02** (2013.01 - EP KR US); **F02D 29/06** (2013.01 - EP US); **F01L 1/024** (2013.01 - EP US); **F01L 1/026** (2013.01 - EP US); **F01L 1/2405** (2013.01 - EP US); **F01L 9/22** (2021.01 - US); **F02B 75/045** (2013.01 - EP US)

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