

Title (en)

Device and method for varying the compression ratio of an internal combustion engine

Title (de)

Vorrichtung zur Veränderung der Verdichtung einer Hubkolbenbrennkraftmaschine

Title (fr)

Dispositif et procédé pour varier le taux de compression d' un moteur à combustion interne

Publication

**EP 1085185 A3 20020206 (DE)**

Application

**EP 00118203 A 20000831**

Priority

DE 19944668 A 19990917

Abstract (en)

[origin: EP1085185A2] The device (1) has a sleeve (13) that fits in the big end (7) of a connecting rod (3). The sleeve has an opening (19) for the crankshaft and is rotatably fitted, in an eccentric position with respect to the big end. The sleeve or the connecting rod has at least one working chamber (45,47) acted on by an abutment (35) attached to a piston (53) operated with a pressurised medium to rotate the sleeve.

IPC 1-7

**F02B 75/04**

IPC 8 full level

**F02B 75/04** (2006.01)

CPC (source: EP)

**F02B 75/045** (2013.01)

Citation (search report)

- [X] DE 4226361 A1 19940407 - ZIMMER ALEX [DE]
- [X] GB 2251456 A 19920708 - FORD MOTOR CO [GB]

Cited by

EP2801713A1; GB2370090A; GB2370072A; GB2370072B; US10184408B2; WO2016026488A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1085185 A2 20010321; EP 1085185 A3 20020206; DE 19944668 A1 20010322**

DOCDB simple family (application)

**EP 00118203 A 20000831; DE 19944668 A 19990917**