

Title (en)

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

Title (de)

Vorrichtung und Verfahren 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 1085184 A3 20020327 (DE)

Application

EP 00117326 A 20000821

Priority

DE 19944669 A 19990917

Abstract (en)

[origin: EP1085184A2] 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. A locking element (51) can be brought to engage the sleeve to prevent it from rotating. The locking element is positioned using a piston and cylinder unit (54). An Independent claim is included for a method for using the device.

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)

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