

Title (en)

VARIABLE COMPRESSION DEVICE AND ENGINE SYSTEM

Title (de)

VORRICHTUNG MIT VARIABLER KOMPRESSION UND MOTORSYSTEM

Title (fr)

DISPOSITIF DE COMPRESSION VARIABLE ET SYSTÈME DE MOTEUR

Publication

EP 3674528 A1 20200701 (EN)

Application

EP 18848798 A 20180821

Priority

- JP 2017159610 A 20170822
- JP 2018030763 W 20180821

Abstract (en)

A variable compression device includes a piston rod (6), a connection member (7a) which is connected to the piston rod, a fluid chamber (R3) which is provided between the connection member and the piston rod and is configured to move the piston rod, in a direction in which a compression ratio is increased, with respect to the connection member by supplying a boosted working fluid thereto, and a regulation member (15) which is capable of abutting and being separated from the piston rod, and when the piston rod is moved in a direction in which a compression ratio is increased, abuts the piston rod to regulate movement of the piston rod such that a compression ratio is maintained

IPC 8 full level

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CPC (source: EP KR)

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Designated extension state (EPC)

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