

Title (en)

Decompressing device of internal-combustion engines.

Title (de)

Verdichtungsverminderungsvorrichtung für Brennkraftmaschinen.

Title (fr)

Dispositif de décompression pour moteur à combustion interne.

Publication

EP 0362775 A1 19900411 (EN)

Application

EP 89118252 A 19891002

Priority

JP 13006988 U 19881003

Abstract (en)

A decompression device of an internal combustion engine having a release lever (18) pivotally supported on a cam driven gear (15d) and urged by centrifugal force to swing radially outwardly, when the cam driven gear rotates, so as to permit a valve tappet (17) to return into normal contact with a valve cam (15e). During a start-up compression stroke, the release lever (18) swings radially inwardly by a spring (20) to contact and move the tappet (17) to a position for partially opening the valve for decompression. The release lever (18) has a pivot shaft (18a) fixed perpendicularly to the lever and rotatably passing through the cam driven gear (15d). The pivot shaft (18d) has a decompression cam (18b) for allowing the tappet to return to a normal position. The spring (20) is a coil torsion spring fitted loosely around the pivot shaft (18a).

IPC 1-7

F01L 13/08

IPC 8 full level

F01L 13/08 (2006.01); **F02N 99/00** (2010.01)

CPC (source: EP)

F01L 13/085 (2013.01); **F02B 2275/22** (2013.01)

Citation (search report)

- [X] DE 1918844 A1 19691106 - TECUMSEH PRODUCTS CO
- [A] EP 0167691 A2 19860115 - FUJI HEAVY IND LTD [JP]

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US5197422A; FR2883600A1; CN1053482C; US6269786B1; EP0555805A1; US6886518B2

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0362775 A1 19900411; JP H0250107 U 19900409

DOCDB simple family (application)

EP 89118252 A 19891002; JP 13006988 U 19881003