

Title (en)

Combustion engine with an engine brake device

Title (de)

Brennkraftmaschine mit einer Motorbremseinrichtung

Title (fr)

Moteur à combustion avec dispositif de frein-moteur

Publication

**EP 0984140 A3 20000705 (DE)**

Application

**EP 99115626 A 19990807**

Priority

DE 19840639 A 19980905

Abstract (en)

[origin: EP0984140A2] The i.c.engine has braking valves (2) which are opened for venting the combustion space of each engine cylinder, for providing engine braking. A pneumatic, hydraulic or mechanical blocking device (3) holds each braking valve in the open position and is released to allow the braking valve to move into the closed position.

IPC 1-7

**F01L 13/06**

IPC 8 full level

**F01L 9/02** (2006.01); **F01L 9/10** (2021.01); **F01L 13/06** (2006.01)

CPC (source: EP US)

**F01L 9/10** (2021.01 - EP US); **F01L 13/06** (2013.01 - EP US)

Citation (search report)

- [XY] US 5787858 A 19980804 - MENEELY VINCENT ALLAN [CA]
- [Y] EP 0599322 A1 19940601 - IVECO FIAT [IT], et al
- [X] DE 29702511 U1 19970417 - MORATH PETER [DE]
- [XA] DE 4026499 C1 19910829
- [A] WO 9706355 A1 19970220 - DIESEL ENGINE RETARDERS INC [US]

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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 0984140 A2 20000308**; **EP 0984140 A3 20000705**; **EP 0984140 B1 20031022**; AT 410465 B 20030526; AT A143799 A 20020915; DE 19840639 C1 20000309; DE 59907428 D1 20031127; US 6318084 B1 20011120

DOCDB simple family (application)

**EP 99115626 A 19990807**; AT 143799 A 19990820; DE 19840639 A 19980905; DE 59907428 T 19990807; US 39031899 A 19990907