

Title (en)

Internal combustion engine having negative pressure space portion.

Title (de)

Brennkraftmaschine mit einem Unterdruck in seinem Innenraum.

Title (fr)

Moteur à combustion interne avec un carter à dépression.

Publication

**EP 0119135 A1 19840919 (EN)**

Application

**EP 84400447 A 19840306**

Priority

JP 3221783 U 19830308

Abstract (en)

A space portion is provided at least around an output shaft of an internal combustion engine 10 and negative pressure generating means 34 is communicated with this space portion 24. This negative pressure generating means is made operative to drain the air in the space portion, thereby setting a pressure in the space portion into a desired negative pressure.

IPC 1-7

**F01M 13/02**

IPC 8 full level

**F01M 13/02** (2006.01)

CPC (source: EP)

**F01M 13/02** (2013.01)

Citation (search report)

- [X] US 4257383 A 19810324 - BOSWELL WILLIAM C
- [Y] US 2271150 A 19420127 - DRESSLER ADOLPH C
- [A] FR 2501783 A1 19820917 - LEFEUVRE JEAN CLAUDE [FR]
- [A] GB 2006329 A 19790502 - SEMT

Cited by

DE4427414A1; US2013000593A1; US8640680B2; AU2007200530B2; US9103246B2; US7261078B2; US6978756B2

Designated contracting state (EPC)

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