

Title (en)  
COMBUSTION ENGINE WITH AN ENGINE BRAKE WITH EXHAUST THROTTLE AND A DECOMPRESSION BRAKE

Title (de)  
BRENNKRAFTMASCHINE MIT EINER MOTORSTAUBREMSE UND EINER DEKOMPRESSIONSBREMSE

Title (fr)  
MOTEUR À COMBUSTION INTERNE COMPRENANT UN FREIN MOTEUR SUR ÉCHAPPEMENT ET FREIN DE TYPE À DÉCOMPRESSION

Publication  
**EP 3184760 B1 20200304 (DE)**

Application  
**EP 16002575 A 20161202**

Priority  
DE 102015016605 A 20151222

Abstract (en)  
[origin: US2017175665A1] An internal combustion engine having at least one outlet valve per cylinder, which outlet valve can be actuated via a camshaft and a transmission device, a hydraulic valve clearance compensation element being arranged in the transmission device between the camshaft and the outlet valve, and having an engine braking device, having an engine backpressure brake for building up an exhaust gas backpressure and a compression release engine brake, by way of which at least one outlet valve can be held open at least in an engine braking phase, the compression release engine brake being formed by the hydraulic valve clearance compensation element.

IPC 8 full level  
**F01L 1/18** (2006.01); **F01L 1/24** (2006.01); **F01L 13/06** (2006.01); **F02D 9/06** (2006.01)

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