

Title (en)
Engine braking methods and apparatus

Title (de)
Motorbremsverfahren und Einrichtung

Title (fr)
Procédés et appareils de freinage moteur

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Application
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Abstract (en)
Methods and apparatus for providing bleeder-type and compression-release engine braking in an internal combustion engine are disclosed. For bleeder-type engine braking, the exhaust valve is maintained at a small and relatively constant lift throughout all or much of the engine cycle. The engine braking may be combined with exhaust gas recirculation, variable exhaust brake, and/or operation of a variable geometry turbocharger.

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