

Title (en)

HEAVY DUTY VALVETRAIN WITH DE-COMPRESSION ENGINE BRAKE FEATURE

Title (de)

SCHWERLASTVENTILTRIEB MIT DEKOMPRIMIERUNGSMOTORBREMSENMERKMAL

Title (fr)

DISPOSITIF DE COMMANDE DE SOUPAPES POUR VÉHICULES LOURDS DOTÉ D'UNE CARACTÉRISTIQUE DE FREIN MOTEUR À DÉCOMPRESSION

Publication

**EP 3146185 B1 20200401 (EN)**

Application

**EP 15723509 A 20150519**

Priority

- US 201462001276 P 20140521
- EP 2015060967 W 20150519

Abstract (en)

[origin: WO2015177127A1] A dual exhaust rocker arm assembly constructed in accordance to one example of the present disclosure is operable in a combustion engine mode and an engine braking mode. The dual exhaust valve rocker arm assembly selectively opens first and second exhaust valves and includes a rocker shaft, an exhaust valve rocker arm assembly, an engine brake rocker arm assembly and an engine brake capsule. The exhaust valve rocker arm assembly has an exhaust rocker arm that receives the rocker shaft and is configured to rotate around the rocker shaft. The exhaust rocker arm further defines a bore having an inner diameter. The engine brake rocker arm assembly has an engine brake rocker arm. The engine brake capsule is slidably received along the inner diameter of the bore of the exhaust valve rocker arm and translatable upon urging by the engine brake rocker arm.

IPC 8 full level

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CPC (source: CN EP)

**F01L 1/181** (2013.01 - CN); **F01L 1/267** (2013.01 - CN); **F01L 13/065** (2013.01 - CN EP); **F02D 13/04** (2013.01 - CN EP);  
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