Title (en)
METHOD FOR BRAKING A COMBUSTION ENGINE

Title (de)
VERFAHREN ZUM BREMSEN EINER BRENNKRAFTMASCHINE

Title (fr)
PROCÉDÉ DE FREINAGE D'UN MOTEUR À COMBUSTION INTERNE

Publication
EP 3450732 B1 20220706 (DE)

Application
EP 18189788 A 20180820

Priority
DE 102017120150 A 20170901

Abstract (en)
[origin: US2019072042A1] The present disclosure relates to a method for braking of an internal combustion engine, in particular a four-stroke internal combustion engine. The method involves a partial opening of at least one gas discharge valve of at least one cylinder of the internal combustion engine during a compression stroke of the internal combustion engine. The method involves a holding of a partial opening of the at least one gas discharge valve during an expansion stroke of the internal combustion engine following the compression stroke and during an exhaust stroke of the internal combustion engine following the expansion stroke. The method involves a closing of the partly opened at least one gas discharge valve at the end of the exhaust stroke or during an intake stroke of the internal combustion engine following the exhaust stroke.

IPC 8 full level
F02D 13/02 (2006.01); **F02D 13/04** (2006.01)

CPC (source: CN EP US)
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Cited by
CN109736958A

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EP 18189788 A 20180820; BR 102018067605 A 20180903; CN 201811019496 A 20180903; DE 102017120150 A 20170901; RU 2018131464 A 20180831; US 201816119211 A 20180831