

Title (en)
TWO STROKE ENGINE

Title (de)
ZWEITAKT-BRENNKRAFTMASCHINE

Title (fr)
MOTEUR DEUX TEMPS

Publication
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Application
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Abstract (en)
[origin: WO2017190722A1] The invention relates to a two-stroke internal combustion engine, in particular for a motor vehicle, with direct fuel injection, comprising at least one working cylinder (1) which comprises a bushing and in which a piston (6) can be moved in an oscillating manner; at least one outlet channel (2) which opens into the working cylinder (1) above the upper dead center of the piston (6); at least two inlet openings (5) which are distributed over the circumference of the bushing and which open into the working cylinder (1) above the lower dead center of the piston (6) such that a uniflow scavenging process of the working cylinder (1) is produced during the operation of the two-stroke internal combustion engine; and a slider which releases and closes the inlet openings (5), whereby the slider is designed as a tube slider (4) which surrounds the bushing of the working cylinder (1) and which comprises a closed casing. The slider releases or closes the inlet openings (5) in an oscillating manner in the longitudinal direction of the bushing during the charge cycle.

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