

Title (en)
TWO STROKE ENGINE

Title (de)
ZWEITAKTMOTOR

Title (fr)
MOTEUR À DEUX TEMPS

Publication
EP 3128149 A1 20170208 (EN)

Application
EP 15179826 A 20150805

Priority
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Abstract (en)
The invention relates to a two stroke internal combustion engine comprising: - a cylinder with an inlet port and outlet port arranged in the cylinder wall; - a piston movable within the cylinder between a top position and a bottom position, which piston has a top part with a first diameter corresponding to the inner diameter of the cylinder and which piston has a bottom part with a second diameter, which second diameter is smaller than the first diameter; - a top seal arranged between the top part of the piston and the cylinder wall; - a bottom seal arranged between the bottom part of the piston and the cylinder wall; and - a bypass channel connecting a bottom part of the cylinder space with a top part of the cylinder space, wherein the bypass channel substantially envelopes the cylinder, having inlet openings and outlet openings extending through the cylinder wall into the cylinder and wherein the inlet openings and outlet openings are distributed over the circumference of the cylinder wall and are arranged in an annular inlet configuration and an annular outlet configuration.

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Citation (applicant)
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