

95-0109

The internal combustion engine comprises the first and the second cylinders (12, 14), the first cylinder (12) has a greater working volume than the second one (14) and the second cylinder is realized in the first cylinder head. The first and second pistons (16, 18) are installed with reciprocating motion possibility correspondingly in the first and the second cylinders (12,14), by that the second piston (18) is manufactured in the form of a bulge on the bottom (head) of the first piston (16). In the second piston (18) it is realized a burning chamber (20) with the opening (44) for air access communicating with the first cylinder (12) and the second one (40), communicating with the second cylinder (14). There is provided a first inlet means (25) for air access or similar into the first cylinder (12) during the inlet first piston (16) stroke, as well as the inlet means (36) for combustion feeding into the second cylinder (14), Between the first and the second cylinders there is a run, providing the air movement from the first cylinder (12) into the second one (14), through the burning chamber (20) along the given movement angle of the pistons strokes relatively to the cylinders to assist to the gas removing from the second cylinder (14) into the burning chamber (20).

There is also provided the complementary means for air movement regulation.