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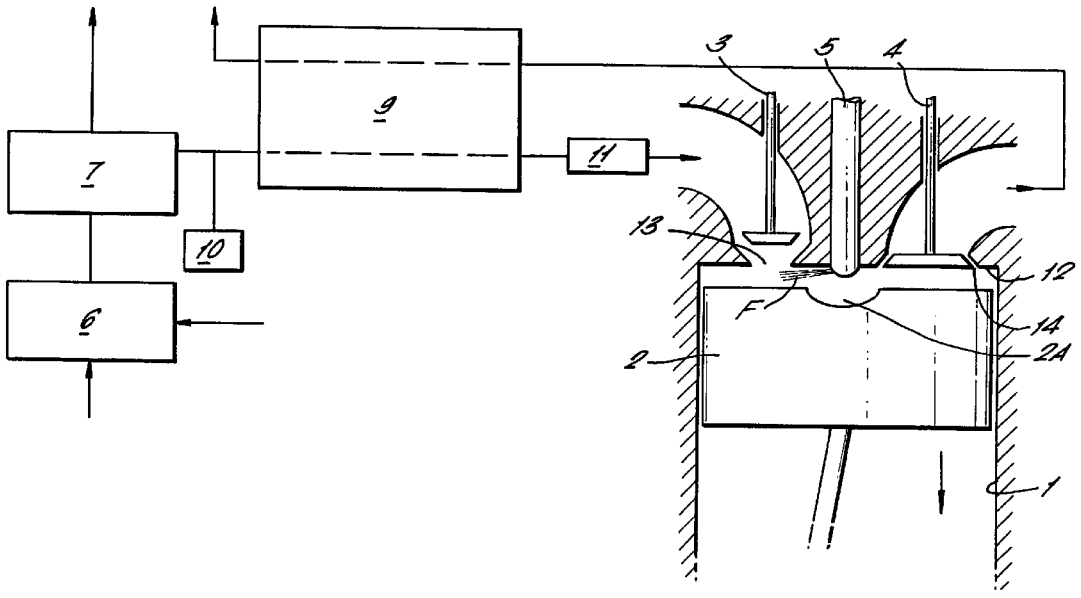
(54) Title: A TWO STROKE INTERNAL COMBUSTION ENGINE



(57) Abstract: A two stroke internal combustion engine having a compressed air inlet port (13) and an exhaust port (14) the flow through which is controlled by suitable valves (3, 4). Fuel is injected through a fuel injector (5). The timing of the opening of the valve is such that as the piston (2) approaches top dead centre and with the air inlet valve (3) closed, the exhaust valve (4) is closed such that some exhaust gas is trapped and compressed in the combustion chamber thereby increasing the temperature within the combustion chamber and hence facilitating ignition. The invention also contemplates initiating combustion before the air inlet valve (3) is closed.

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