

TWO-STAGE FUEL INJECTOR

ABSTRACT

5 This injector with two valves (7, 10) which open
at different fuel pressures so as to establish a
primary flow regime and then a secondary flow regime is
characterized in that the primary regime is enriched
with fuel via an orifice (21) which adds a branch to
the primary flow path of the fuel, but which is closed
10 when the secondary valve is displaced so as to prevent
enrichment of the fuel in the secondary regime. This
invention applies in particular to certain aircraft
engines.

Fig.1