

RAMJET INCLUDING A DETONATION CHAMBER, AND AIRCRAFT
COMPRISING SUCH A RAMJET

ABSTRACT

The invention relates to a ramjet including a detonation chamber and an
5 aircraft comprising such a ramjet. According to the invention, the ramjet (S1)
comprises an annular detonation chamber (2) having a continuous detonation
wave and fuel injection means (6) for continuously injecting fuel (F2) directly into
the chamber (2) just downstream of an air injection base (3). The fuel (F2) and the
air (F1) are injected separately into the detonation chamber (2) in a permanent
10 manner throughout the operation of the ramjet (S1).

(Fig. 1)