

**CPC****COOPERATIVE PATENT CLASSIFICATION****F03H****PRODUCING A REACTIVE PROPULSIVE THRUST, NOT OTHERWISE PROVIDED FOR** (from combustion products [F02K](#) )**Guidance heading:****F03H 1/00**

**Using plasma to produce a reactive propulsive thrust** (generating plasma [H05H 1/00](#))  
 { (ion sources per se [H01J 27/02](#), ion sources for plasma processing or ion beams [H01J 37/08](#)) }

## F03H 1/0006

. { Details applicable to different types of plasma thrusters (arrangements specially adapted for fitting plasma engines in or to cosmonautic vehicles [B64G 1/405](#)) }

## F03H 1/0012

.. { Means for supplying the propellant }

## F03H 1/0018

.. { Arrangements or adaptations of power supply systems (for cosmonautic vehicles [B64G 1/42](#)) }

## F03H 1/0025

.. { Neutralisers, i.e. means for keeping electrical neutrality }

## F03H 1/0031

.. { Thermal management, heating or cooling parts of the thruster (temperature control for cosmonautic vehicles [B64G 1/50](#)) }

## F03H 1/0037

. { Electrostatic ion thrusters }

## F03H 1/0043

.. { characterised by the acceleration grid (extraction optics for ion sources [H01J 27/024](#)) }

## F03H 1/005

.. { using field emission, e.g. Field Emission Electric Propulsion [FEEP] }

## F03H 1/0056

.. { with an acceleration grid and an applied magnetic field }

## F03H 1/0062

.. { grid-less with an applied magnetic field }

## F03H 1/0068

... { with a central channel, e.g. end-Hall type }

## F03H 1/0075

... { with an annular channel; Hall-effect thrusters with closed electron drift }

## F03H 1/0081

. { Electromagnetic plasma thrusters }

## F03H 1/0087

. { Electro-dynamic thrusters, e.g. pulsed plasma thrusters }

## F03H 1/0093

. { Electro-thermal plasma thrusters, i.e. thrusters heating the particles in a plasma (resistojets per se [B64G 1/406](#)) }

**F03H 3/00**

**Use of photons to produce a reactive propulsive thrust**

**F03H 99/00**

**Subject matter not provided for in other groups of this subclass**