

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