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**