SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

F02 COMBUSTION ENGINES; HOT-GAS OR COMBUSTION-PRODUCT ENGINE PLANTS

F02G HOT-GAS OR COMBUSTION-PRODUCT POSITIVE-DISPLACEMENT ENGINE PLANTS (steam engine plants, special vapour plants, plants operating on either hot gas or combustion-product gases together with other fluid F01K; gas-turbine plants F02C; jet-propulsion plants F02K)**; USE OF WASTE HEAT OF COMBUSTION ENGINES, NOT OTHERWISE PROVIDED FOR**

Note(s)

Attention is drawn to the Notes preceding class F01.

1/00 Hot gas positive-displacement engine plants (positive-displacement engine plants characterised by the working gas being generated by combustion in the plant F02G 3/00) **[1, 3, 2006.01]**

1/02 • of open-cycle type **[1, 2006.01]**

1/04 • of closed-cycle type **[1, 2006.01]**

1/043 • • the engine being operated by expansion and contraction of a mass of working gas which is heated and cooled in one of a plurality of constantly communicating expansible chambers, e.g. Stirling cycle type engines **[3, 2006.01]**

1/044 • • • having at least two working members, e.g. pistons, delivering power output **[3, 2006.01]**

1/045 • • • Controlling **[3, 2006.01]**

1/047 • • • • by varying the heating or cooling **[3, 2006.01]**

1/05 • • • • by varying the rate of flow or quantity of the working gas **[3, 2006.01]**

1/053 • • • Component parts or details **[3, 2006.01]**

1/055 • • • • Heaters or coolers **[3, 2006.01]**

1/057 • • • • Regenerators **[3, 2006.01]**

1/06 • Controlling **[1, 2006.01]**

3/00 Positive-displacement engine plants characterised by the working gas being generated by combustion in the plant [1, 3, 2006.01]

3/02 • with reciprocating-piston engines **[1, 2006.01]**

5/00 Profiting from waste heat of combustion engines, not otherwise provided for [1, 2006.01]

5/02 • Profiting from waste heat of exhaust gases **[1, 2006.01]**

5/04 • • in combination with other waste heat from combustion engines **[1, 2006.01]**