

| Symbol           | Typ                 | Titel  |
|------------------|---------------------|--|
| <b>F</b>         | <b>Sektion</b>      | <b>MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING</b>  |
| <b>F02</b>       | <b>Klasse</b>       | <b>COMBUSTION ENGINES (cyclically operating valves therefor, lubricating, exhausting, or silencing engines F01); HOT-GAS OR COMBUSTION-PRODUCT ENGINE PLANTS</b>   |
| <b>F02G</b>      | <b>Unterklasse</b>  | <b>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</b> |
| <b>F02G 1/00</b> | <b>Hauptgruppe</b>  | <b>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) [3]</b>   |
| F02G 1/02        | 1-Punkt Untergruppe | . of open-cycle type   |
| F02G 1/04        | 1-Punkt Untergruppe | . of closed-cycle type   |
| F02G 1/043       | 2-Punkt Untergruppe | . . 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]   |
| F02G 1/044       | 3-Punkt Untergruppe | . . . having at least two working members, e.g. pistons, delivering power output [3]   |
| F02G 1/045       | 3-Punkt Untergruppe | . . . Controlling [3]  |
| F02G 1/047       | 4-Punkt Untergruppe | . . . . by varying the heating or cooling [3]  |
| F02G 1/05        | 4-Punkt Untergruppe | . . . . by varying the rate of flow or quantity of the working gas [3]   |
| F02G 1/053       | 3-Punkt Untergruppe | . . . Component parts or details [3]   |
| F02G 1/055       | 4-Punkt Untergruppe | . . . . Heaters or coolers [3]   |
| F02G 1/057       | 4-Punkt Untergruppe | . . . . Regenerators [3]   |
| F02G 1/06        | 1-Punkt Untergruppe | . Controlling  |
| <b>F02G 3/00</b> | <b>Hauptgruppe</b>  | <b>Positive-displacement engine plants characterised by the working gas being generated by combustion in the plant [3]</b>   |
| F02G 3/02        | 1-Punkt Untergruppe | . with reciprocating-piston engines  |
| <b>F02G 5/00</b> | <b>Hauptgruppe</b>  | <b>Profiting from waste heat of combustion engines, not otherwise provided for</b>   |
| F02G 5/02        | 1-Punkt Untergruppe | . Profiting from waste heat of exhaust gases   |
| F02G 5/04        | 2-Punkt Untergruppe | . . in combination with other waste heat from combustion engines   |