Symbol	Typ	Titel
F	**Sektion**	**SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING**
F01	**Untersektion**	**ENGINES OR PUMPS**
F01	**Klasse**	**MACHINES OR ENGINES IN GENERAL (combustion engines F02; machines for liquids F03, F04); ENGINE PLANTS IN GENERAL; STEAM ENGINES**
F01C	**Unterklasse**	**ROTARY-PISTON OR OSCILLATING-PISTON MACHINES OR ENGINES (internal-combustion aspects F02B 53/00, F02B 55/00)**
F01C 1/00	**Hauptgruppe**	**Rotary-piston machines or engines (with axes of co-operating members non-parallel F01C 3/00; with the working-chamber walls at least partly resiliently deformable F01C 5/00; with fluid ring or the like F01C 7/00; rotary-piston machines or engines in which the working fluid is exclusively displaced by, or exclusively displaces, one or more reciprocating pistons F01B 13/00)**
F01C 1/02	1-Punkt Untergruppe	. of arcuate-engagement type, i.e. with circular translatory movement of co-operating members, each member having the same number of teeth or tooth-equivalents
F01C 1/04	2-Punkt Untergruppe	. . of internal-axis type
F01C 1/06	2-Punkt Untergruppe	. . of other than internal-axis type (F01C 1/063 takes precedence)
F01C 1/063	2-Punkt Untergruppe	. . with coaxially-mounted members having continuously-changing circumferential spacing between them [3]
F01C 1/067	3-Punkt Untergruppe	. . . having cam-and-follower type drive [3]
F01C 1/07	3-Punkt Untergruppe	. . . having crankshaft-and-connecting-rod type drive [3]
F01C 1/073	3-Punkt Untergruppe	. . . having pawl-and-ratchet type drive [3]
F01C 1/077	3-Punkt Untergruppe	. . . having toothed-gearing type drive [3]
F01C 1/08	1-Punkt Untergruppe	. of intermeshing-engagement type, i.e. with engagement of co-operating members similar to that of toothed gearing
F01C 1/10	2-Punkt Untergruppe	. . of internal-axis type with the outer member having more teeth or tooth-equivalents, e.g. rollers, than the inner member
F01C 1/107	3-Punkt Untergruppe	. . . with helical teeth [3]
F01C 1/113	3-Punkt Untergruppe	. . . the inner member carrying rollers intermeshing with the outer member [3]
F01C 1/12	2-Punkt Untergruppe	. . of other than internal-axis type
F01C 1/14	3-Punkt Untergruppe	. . . with toothed rotary pistons
F01C 1/16	4-Punkt Untergruppe	. . . . with helical teeth, e.g. chevron-shaped, screw type
F01C 1/18	4-Punkt Untergruppe	. . . . with similar tooth forms (F01C 1/16 takes precedence)
F01C 1/20	4-Punkt Untergruppe	. . . . with dissimilar tooth forms (F01C 1/16 takes precedence)
F01C 1/22	1-Punkt Untergruppe	. of internal-axis type with equidirectional movement of co-operating members at the points of engagement, or with one of the co-operating members being stationary, the inner member having more teeth or tooth-equivalents than the outer member
F01C 1/24	1-Punkt Untergruppe	. of counter-engagement type, i.e. the movement of co-operating members at the points of engagement being in opposite directions
F01C 1/26	2-Punkt Untergruppe	. . of internal-axis type
F01C 1/28	2-Punkt Untergruppe	. . of other than internal-axis type

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F01C 1/30	1-Punkt Untergruppe	. having the characteristics covered by two or more of groups F01C 1/02, F01C 1/08, F01C 1/22, F01C 1/24 or having the characteristics covered by one of these groups together with some other type of movement between co-operating members
F01C 1/32	2-Punkt Untergruppe	. . having both the movement defined in group F01C 1/02 and relative reciprocation between the co-operating members
F01C 1/324	3-Punkt Untergruppe	. . . with vanes hinged to the inner member and reciprocating with respect to the outer member [3]
F01C 1/328	4-Punkt Untergruppe	. . . . and hinged to the outer member [3]
F01C 1/332	3-Punkt Untergruppe	. . . with vanes hinged to the outer member and reciprocating with respect to the inner member [3]
F01C 1/336	4-Punkt Untergruppe	. . . . and hinged to the inner member [3]
F01C 1/34	2-Punkt Untergruppe	. . having the movement defined in group F01C 1/08 or F01C 1/22 and relative reciprocation between the co-operating members
F01C 1/344	3-Punkt Untergruppe	. . . with vanes reciprocating with respect to the inner member [3]
F01C 1/348	4-Punkt Untergruppe	. . . . the vanes positively engaging, with circumferential play, an outer rotatable member [3]
F01C 1/352	4-Punkt Untergruppe	. . . . the vanes being pivoted on the axis of the outer member [3]
F01C 1/356	3-Punkt Untergruppe	. . . with vanes reciprocating with respect to the outer member [3]
F01C 1/36	2-Punkt Untergruppe	. . having both the movements defined in groups F01C 1/22 and F01C 1/24
F01C 1/38	2-Punkt Untergruppe	. . having the movement defined in group F01C 1/02 and having a hinged member (F01C 1/32 takes precedence) [3]
F01C 1/39	3-Punkt Untergruppe	. . . with vanes hinged to the inner as well as to the outer member [3]
F01C 1/40	2-Punkt Untergruppe	. . having the movement defined in group F01C 1/08 or F01C 1/22 and having a hinged member
F01C 1/44	3-Punkt Untergruppe	. . . with vanes hinged to the inner member [3]
F01C 1/46	3-Punkt Untergruppe	. . . with vanes hinged to the outer member [3]
F01C 3/00	**Hauptgruppe**	**Rotary-piston machines or engines with non-parallel axes of movement of co-operating members (with the working-chamber walls being at least partly resiliently deformable F01C 5/00)**
F01C 3/02	1-Punkt Untergruppe	. the axes being arranged at an angle of 90°
F01C 3/04	2-Punkt Untergruppe	. . with axially-sliding vanes
F01C 3/06	1-Punkt Untergruppe	. the axes being arranged otherwise than at an angle of 90°
F01C 3/08	2-Punkt Untergruppe	. . of intermeshing-engagement type, i.e. with engagement of co-operating members similar to that of toothed gearing
F01C 5/00	**Hauptgruppe**	**Rotary-piston machines or engines with the working-chamber walls at least partly resiliently deformable**
F01C 5/02	1-Punkt Untergruppe	. the resiliently-deformable wall being part of the inner member, e.g. of a rotary piston
F01C 5/04	1-Punkt Untergruppe	. the resiliently-deformable wall being part of the outer member, e.g. of a housing
F01C 5/06	1-Punkt Untergruppe	. the resiliently-deformable wall being a separate member
F01C 5/08	2-Punkt Untergruppe	. . of tubular form, e.g. hose
F01C 7/00	**Hauptgruppe**	**Rotary-piston machines or engines with fluid ring or the like**
F01C 9/00	**Hauptgruppe**	**Oscillating-piston machines or engines**
F01C 11/00	**Hauptgruppe**	**Combinations of two or more machines or engines, each being of rotary-piston or oscillating-**

Symbol	Typ	Titel
		piston type (F01C 13/00 takes precedence; combinations of two or more pumps F04; fluid gearing F16H)
F01C 13/00	**Hauptgruppe**	**Adaptations of machines or engines for special use; Combinations of engines with devices driven thereby (aspects predominantly concerning driven devices, see the relevant classes for these devices)**
F01C 13/02	1-Punkt Untergruppe	. for driving hand-held tools or the like
F01C 13/04	1-Punkt Untergruppe	. for driving pumps or compressors
F01C 17/00	**Hauptgruppe**	**Arrangements for drive of co-operating members, e.g. for rotary piston and casing**
F01C 17/02	1-Punkt Untergruppe	. of toothed-gearing type (F01C 1/077 takes precedence) [3]
F01C 17/04	1-Punkt Untergruppe	. of cam-and-follower type (F01C 1/067 takes precedence) [3]
F01C 17/06	1-Punkt Untergruppe	. using cranks, universal joints, or similar elements (F01C 1/07 takes precedence) [3]
F01C 19/00	**Hauptgruppe**	**Sealing arrangements in rotary-piston machines or engines (sealings in general F16J)**
F01C 19/02	1-Punkt Untergruppe	. Radially-movable sealings for working fluids
F01C 19/04	2-Punkt Untergruppe	. . of rigid material
F01C 19/06	2-Punkt Untergruppe	. . of resilient material
F01C 19/08	1-Punkt Untergruppe	. Axially-movable sealings for working fluids
F01C 19/10	1-Punkt Untergruppe	. Sealings for working fluids between radially and axially movable parts
F01C 19/12	1-Punkt Untergruppe	. for other than working fluid
F01C 20/00	***Hauptgruppe***	***Control of, monitoring of, or safety arrangements for, machines or engines [2006.01]***
F01C 20/02	*1-Punkt Untergruppe*	*. specially adapted for several machines or engines connected in series or in parallel [2006.01]*
F01C 20/04	*1-Punkt Untergruppe*	*. specially adapted for reversible machines or engines [2006.01]*
F01C 20/06	*1-Punkt Untergruppe*	*. specially adapted for stopping, starting, idling or no-load operation [2006.01]*
F01C 20/08	*1-Punkt Untergruppe*	*. characterised by varying the rotational speed [2006.01]*
F01C 20/10	*1-Punkt Untergruppe*	*. characterised by changing the positions of the inlet or outlet openings with respect to the working chamber [2006.01]*
F01C 20/12	*2-Punkt Untergruppe*	*. . using sliding valves [2006.01]*
F01C 20/14	*2-Punkt Untergruppe*	*. . using rotating valves [2006.01]*
F01C 20/16	*2-Punkt Untergruppe*	*. . using lift valves [2006.01]*
F01C 20/18	*1-Punkt Untergruppe*	*. characterised by varying the volume of the working chamber (by changing the positions of inlet or outlet openings F01C 20/10) [2006.01]*
F01C 20/20	*2-Punkt Untergruppe*	*. . by changing the form of the inner or outer contour of the working chamber [2006.01]*
F01C 20/22	*2-Punkt Untergruppe*	*. . by changing the eccentricity between cooperating members [2006.01]*
F01C 20/24	*1-Punkt Untergruppe*	*. characterised by using valves regulating pressure or flow rate, e.g. discharge valves (F01C 20/10 takes precedence) [2006.01]*
F01C 20/26	*2-Punkt Untergruppe*	*. . using bypass channels [2006.01]*
F01C 20/28	*1-Punkt Untergruppe*	*. Safety arrangements ; Monitoring [2006.01]*
F01C 21/00	**Hauptgruppe**	**Component parts, details, or accessories, not provided for in groups F01C 1/00-F01C 20/00**

Symbol	Typ	Titel
F01C 21/02	1-Punkt Untergruppe	. Arrangements of bearings (bearing constructions F16C)
F01C 21/04	1-Punkt Untergruppe	. Lubrication (of machines or engines in general F01M)
F01C 21/06	1-Punkt Untergruppe	. Heating; Cooling (of machines or engines in general F01P); Heat insulation (heat insulation in general F16L)
F01C 21/08	1-Punkt Untergruppe	. Rotary pistons (reciprocating pistons in general F16J)
F01C 21/10	1-Punkt Untergruppe	. Outer members for co-operation with rotary pistons; Casings (casings for rotary engines or machines in general F16M)
F01C 21/12	Gelöscht	(transferred to F01C 20/00; F01C 21/18)
F01C 21/14	Gelöscht	(transferred to F01C 20/00)
F01C 21/16	Gelöscht	(transferred to F01C 20/00)
F01C 21/18	*1-Punkt Untergruppe*	*. Arrangements for admission or discharge of the working fluid, e.g. constructional features of the inlet or outlet [2006.01]*