

CPC COOPERATIVE PATENT CLASSIFICATION

F03G **SPRING, WEIGHT, INERTIA OR LIKE MOTORS; MECHANICAL-POWER PRODUCING DEVICES OR MECHANISMS, NOT OTHERWISE PROVIDED FOR OR USING ENERGY SOURCES NOT OTHERWISE PROVIDED FOR** (arrangements in connection with power supply in vehicles from force of nature [B60K 16/00](#); electric propulsion with power supply in vehicles from force of nature [B60L 8/00](#))

NOTE

In this subclass, the following term is used with the meaning indicated:

- "motors" means mechanisms for producing mechanical power from potential energy of solid bodies.

WARNING

The following IPC groups are not used in the CPC system. Subject matter covered by these groups is classified in the following CPC groups:

F03G 4/00	covered by	F03G 7/04
F03G 4/02	covered by	F03G 7/04
F03G 4/04	covered by	F03G 7/04
F03G 4/06	covered by	F03G 7/04

1/00	Spring-motor (spring-driven toys A63H ; springs in general F16F ; precision time mechanisms, e.g. for clocks or watches, G04B)	6/04	. . gaseous { (F03G 6/064 , F03G 6/068 take precedence) }
1/02	. characterised by shape or material of spring, e.g. helical, spiral, coil	6/045	. . . {by producing an updraft of heated gas, e.g. air driving an engine}
1/04	. . using rubber springs	6/06	. with means for concentrating solar rays (means per se F24J 2/06)
1/06	. Other parts or details	2006/061	. . {Parabolic linear concentrator}
1/08	. . for winding	2006/062	. . {Parabolic point concentrator}
1/10	. . for producing output movement other than rotary, e.g. vibratory	6/064	. . {having a gas turbine cycle, i.e. compressor and gas turbine combination}
3/00	Other motors, e.g. gravity or inertia motors {(driven by falling liquid F03B)}	6/065	. . {having a Rankine cycle}
3/02	. using wheels with circumferentially-arranged compartments co-operating with solid falling bodies (F03G 3/04 takes precedence)	6/067	. . . {using an intermediate fluid for heat transfer}
3/04	. driven by sand or like fluent solid material	6/068	. . {having a Stirling cycle}
3/06	. using pendulums	7/00	Mechanical-power-producing mechanisms, not otherwise provided for or using energy sources not otherwise provided for {(micro-structural devices or systems, e.g. micro-mechanical devices B81B)}
3/08	. using flywheels	7/002	. {using the energy of vibration of a fluid column (for refrigeration machines using waves F25B 9/14)}
5/00	Devices for producing mechanical power from muscle energy (driving cycles B62M)	7/005	. {Electro-chemical actuators; Actuators having a material for absorbing or desorbing gas, e.g. a metalhydride; Actuators using the difference in osmotic pressure between fluids; Actuators with elements stretchable when contacted with liquid rich in ions, with UV light, with a salt solution}
5/02	. of endless-walk type, e.g. treadmills	2007/007	. {using heat pumps}
5/025	. . {Treadmills}	7/04	. using pressure differences or thermal differences occurring in nature (F03G 7/06 takes precedence)
5/04	. . Horsemills or the like	7/05	. . Ocean thermal energy conversion, i.e. OTEC
5/042	. . . {Traction devices, shock absorbers or whipping devices for horsemills}	7/06	. using expansion or contraction of bodies due to heating, cooling, moistening, drying or the like (using thermal expansion of non-vaporising liquids F01K)
5/045	. . . {Security devices for horsemills}	7/065	. . {using a shape memory element}
5/047	. . . {Transmissions or couplings for horsemills}	7/08	. recovering energy derived from swinging, rolling, pitching or like movements, e.g. from the vibrations of a machine
5/06	. other than of endless-walk type	7/10	. Alleged perpetua mobilia (of buoyancy principle F03B 17/04)
5/08	. . for combined actuation by different limbs, e.g. hand and leg		
6/00	Devices for producing mechanical power from solar energy (solar boilers F24)		
6/001	. {having photovoltaic cells}		
6/003	. {having a Rankine cycle (F03G 6/065 takes precedence)}		
6/005	. . {using an intermediate fluid for heat transfer}		
2006/006	. {Soles pond}		
2006/008	. {with a tower}		
6/02	. using a single state working fluid		

2730/00 **Motors driven by springs, weights or manual power**

- 2730/01 . Spring motors with spiral springs
- 2730/02 . Spring motors with helical springs
- 2730/03 . Spring motors with torsion springs
- 2730/05 . Motors driven by hands or feet
- 2730/06 . Various motors in general
- 2730/07 . Special parts of devices or motors according to the preceeding groups