

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)	6/02	• using a single state working fluid
1/02	• characterised by shape or material of spring, e.g. helical, spiral, coil	6/04	• • gaseous { (F03G 6/064 , F03G 6/068 take precedence) }
1/04	• • using rubber springs	6/045	• • • {by producing an updraft of heated gas, e.g. air driving an engine}
1/06	• Other parts or details	6/06	• with means for concentrating solar rays (means per se F24J 2/06)
1/08	• • for winding	2006/061	• • {Parabolic linear concentrator}
1/10	• • for producing output movement other than rotary, e.g. vibratory	2006/062	• • {Parabolic point concentrator}
3/00	Other motors, e.g. gravity or inertia motors {(driven by falling liquid F03B)}	6/064	• • {having a gas turbine cycle, i.e. compressor and gas turbine combination}
3/02	• using wheels with circumferentially-arranged compartments co-operating with solid falling bodies (F03G 3/04 takes precedence)	6/065	• • {having a Rankine cycle}
3/04	• driven by sand or like fluent solid material	6/067	• • • {using an intermediate fluid for heat transfer}
3/06	• using pendulums	6/068	• • {having a Stirling cycle}
3/08	• using flywheels	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)}
5/00	Devices for producing mechanical power from muscle energy (driving cycles B62M)	7/002	• {using the energy of vibration of a fluid column (for refrigeration machines using waves F25B 9/14)}
5/02	• of endless-walk type, e.g. treadmills	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}
5/025	• • {Treadmills}	2007/007	• {using heat pumps}
5/04	• • Horsemills or the like	7/04	• using pressure differences or thermal differences occurring in nature (F03G 7/06 takes precedence)
5/042	• • • {Traction devices, shock absorbers or whipping devices for horsemills}	7/05	• • Ocean thermal energy conversion, i.e. OTEC
5/045	• • • {Security 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)
5/047	• • • {Transmissions or couplings for horsemills}	7/065	• • {using a shape memory element}
5/06	• other than of endless-walk type	7/08	• recovering energy derived from swinging, rolling, pitching or like movements, e.g. from the vibrations of a machine
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}		

- 7/10 . Alleged perpetua mobilia (of buoyancy principle [F03B 17/04](#))

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