EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1078

DATE: MAY 1, 2021

PROJECT RP0677

The following classification changes will be effected by this Notice of Changes:

Action	Subclass	Group(s)
SCHEME:		
Symbols Deleted:	H02M	2001/0003, 2001/0006, 2001/0009, 2001/0012, 2001/0016, 2001/0019, 2001/0022, 2001/0025, 2001/0029, 2001/0032, 2001/0035, 2001/0038, 2001/0041, 2001/0045, 2001/0048, 2001/0051, 2001/0054, 2001/0058, 2001/0064, 2001/0067, 2001/007, 2001/0074, 2001/0077, 2001/008, 2001/0083, 2001/0087, 2001/009, 2001/0093, 2001/0096, 2001/123, 2001/322, 2001/325, 2001/327, 2001/342, 2001/344, 2001/346, 2001/348, 2001/385, 2001/4275, 2001/4283, 2001/4291
	H02M	2003/071, 2003/072, 2003/075, 2003/076, 2003/077, 2003/078, 2003/1552, 2003/1555, 2003/1557, 2003/1566, 2003/1586
	H02M	2005/2932, 2005/2935, 2005/2937
	H02M	2007/2195, 2007/4803, 2007/4811, 2007/4815, 2007/4818, 2007/4822, 2007/4835, 2007/53876, 2007/53878
Symbols New:	H02M	1/0003, 1/0006, 1/0009, 1/0012, 1/0016, 1/0019, 1/0022, 1/0025, 1/0029, 1/0032, 1/0035, 1/0038, 1/0041, 1/0043, 1/0045, 1/0048, 1/0051, 1/0054, 1/0058, 1/0064, 1/0067, 1/007, 1/0074, 1/0077, 1/008, 1/0083, 1/0085, 1/0087, 1/009, 1/0093, 1/0095, 1/0096, 1/123, 1/322, 1/325, 1/327, 1/342, 1/344, 1/346, 1/348, 1/385, 1/4275, 1/4283, 1/4291
	H02M	3/003, 3/01, 3/015, 3/071, 3/072, 3/075, 3/076, 3/077, 3/078, 3/1552, 3/1555, 3/1557, 3/1566, 3/1586, 3/33571, 3/33573
	H02M	5/2932, 5/2935, 5/2937
	H02M	7/05, 7/2195, 7/4803, 7/4811, 7/4815, 7/4818, 7/4833, 7/4835, 7/4837, 7/53876, 7/53878
Titles Changed:	H02M	1/4233
	H02M	3/073, 3/33507, 3/33523, 3/33553, 3/337
	H02M	7/003

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Action	Subclass	Group(s)
Warnings New:	H02M	1/00, 1/0043, 1/0083, 1/0085, 1/0095, 1/4225, 1/4233
	H02M	3/00, 3/003, 3/01, 3/33569, 3/33571, 3/33573, 3/337
	H02M	7/04, 7/05, 7/483, 7/4833, 7/4835, 7/4837, 7/493
DEFINITIONS:		
Definitions New:	H02M	1/08
Definitions Modified:	H02M	1/00
	H02M	3/00

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following *[Check the ones included]*:

1. CLASSIFICATION SCHEME CHANGES

  ☒ A. New, Modified or Deleted Group(s)

  ☒ B. New, Modified or Deleted Warning(s)

  ☐ C. New, Modified or Deleted Note(s)

  ☐ D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

  ☒ A. New or Modified Definitions (Full definition template)

  ☒ B. Modified or Deleted Definitions (Definitions Quick Fix)

3. ☒ REVISION CONCORDANCE LIST (RCL)

4. ☒ CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. ☐ CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1.   CLASSIFICATION SCHEME CHANGES

   A.   New, Modified or Deleted Group(s)

SUBCLASS H02M – APPARATUS FOR CONVERSION BETWEEN AC AND AC, BETWEEN AC AND DC, OR BETWEEN DC AND DC, AND FOR USE WITH MAINS OR SIMILAR POWER SUPPLY SYSTEMS; CONVERSION OF DC OR AC INPUT POWER INTO SURGE OUTPUT POWER; CONTROL OR REGULATION THEREOF (transformers H01F; dynamo-electric converters H02K 47/00; controlling transformers, reactors or choke coils, control or regulation of electric motors, generators or dynamo-electric converters H02P)

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
C	H02M1/00	0	Details of apparatus for conversion	H02M 1/00, H02M 1/0043
D	H02M2001/0003	1	{Details of control, feedback and regulation circuits}	<administrative transfer to H02M 1/0003 ADD>
N	H02M1/0003	1	{Details of control, feedback or regulation circuits}	
D	H02M 2001/0006	2	{Arrangements for supplying an adequate voltage to the control circuit of a converter}	<administrative transfer to H02M 1/0006 ADD>
N	H02M 1/0006	2	{Arrangements for supplying an adequate voltage to the control circuit of converters}	
D	H02M2001/0009	2	{Devices and circuits for detecting current in a converter}	<administrative transfer to H02M 1/0009 ADD>
N	H02M1/0009	2	{Devices or circuits for detecting current in a converter}	
D	H02M2001/0012	2	{Control circuits using digital or numerical techniques (in dc/dc converters H02M 3/157, H02M 3/33515; in dc-ac converters H02M 7/53873)}	<administrative transfer to H02M 1/0012 ADD>
N	H02M1/0012	2	{Control circuits using digital or numerical techniques (in DC/DC converters H02M3/157, H02M3/33515; in DC-AC converters H02M7/53873)}	
D	H02M2001/0016	2	{Control circuits providing compensation of output voltage deviations using feedforward of disturbance parameter}	<administrative transfer to H02M 1/0016 ADD>
N	H02M1/0016	2	{Control circuits providing compensation of output voltage deviations using feedforward of disturbance parameters}	
D	H02M2001/0019	3	{the disturbance parameter being load current fluctuations}	<administrative transfer to H02M 1/0019 ADD>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to[#]
N	H02M1/0019	3	{the disturbance parameters being load current fluctuations}	
D	H02M2001/0022	3	{the disturbance parameter being input voltage fluctuations}	<administrative transfer to H02M 1/0022 ADD>
N	H02M1/0022	3	{the disturbance parameters being input voltage fluctuations}	
D	H02M2001/0025	2	{Arrangements for modifying reference value, feedback value or error value in the control loop of a converter}	<administrative transfer to H02M 1/0025 ADD>
N	H02M1/0025	2	{Arrangements for modifying reference values, feedback values or error values in the control loop of a converter}	
D	H02M2001/0029	2	{Circuits or arrangements for limiting the slope ("slew rate") of switching signals}	<administrative transfer to H02M 1/0029 ADD>
N	H02M1/0029	2	{Circuits or arrangements for limiting the slope of switching signals, e.g. slew rate}	
D	H02M2001/0032	2	{Control circuits allowing low power mode operation, e.g. "standby"}	<administrative transfer to H02M 1/0032 ADD>
N	H02M1/0032	2	{Control circuits allowing low power mode operation, e.g. in standby mode}	
D	H02M2001/0035	3	{by burst mode control}	<administrative transfer to H02M 1/0035 ADD>
N	H02M1/0035	3	{using burst mode control}	
D	H02M2001/0038	2	{Circuits or arrangements for suppressing, e.g. by masking incorrect turn-on or turn-off signals, e.g. due to current spikes in current mode control}	<administrative transfer to H02M 1/0038 ADD>
N	H02M1/0038	2	{Circuits or arrangements for suppressing, e.g. by masking incorrect turn-on or turn-off signals, e.g. due to current spikes in current mode control}	
D	H02M2001/0041	2	{Control circuits in which a clock signal is selectively enabled or disabled}	<administrative transfer to H02M 1/0041 ADD>
N	H02M1/0041	2	{Control circuits in which a clock signal is selectively enabled or disabled}	
N	H02M 1/0043	1	{Converters switched with a phase shift, i.e. interleaved (non-isolated DC/DC converters H02M3/1586)}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	H02M2001/0045	1	{Converters combining the concepts of switch-mode regulation and linear regulation, e.g. linear preregulator to switching converter, linear and switching converter in parallel, same converter or same transistor operating either in linear or switching mode}	<administrative transfer to H02M 1/0045 ADD>
N	H02M1/0045	1	{Converters combining the concepts of switch-mode regulation and linear regulation, e.g. linear pre-regulator to switching converter, linear and switching converter in parallel, same converter or same transistor operating either in linear or switching mode}	
D	H02M2001/0048	1	{Circuits or arrangements for reducing losses (using snubbers H02M1/34)}	<administrative transfer to H02M 1/0048 ADD>
N	H02M1/0048	1	{Circuits or arrangements for reducing losses (using snubbers H02M1/34)}	
D	H02M2001/0051	2	{Diode reverse recovery losses}	<administrative transfer to H02M 1/0051 ADD>
N	H02M1/0051	2	{Diode reverse recovery losses}	
D	H02M2001/0054	2	{Transistor switching losses (periodically suspending operation of switching converter in low power mode H02M2001/0035)}	<administrative transfer to H02M 1/0054 ADD>
N	H02M1/0054	2	{Transistor switching losses (periodically suspending operation of switching converter in low power mode H02M1/0035)}	
D	H02M2001/0058	3	{by employing soft switching techniques, i.e. commutation of transistor when voltage applied to it is zero and/or when current flowing through it is zero (in resonant inverters H02M2007/4815; in inverters operating from a resonant dc source H02M7/4826; using an auxiliary actively switched resonant commutation circuit connected to an intermediate dc voltage or between two push-pull branches of an inverter bridge H02M2007/4811)}	<administrative transfer to H02M 1/0058 ADD>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	H02M1/0058	3	{by employing soft switching techniques, i.e. commutation of transistors when applied voltage is zero or when current flow is zero (using an auxiliary actively switched resonant commutation circuit connected to an intermediate DC voltage or between two push-pull branches of an inverter bridge H02M7/4811; in resonant inverters H02M7/4815; in inverters operating from a resonant DC source H02M7/4826)}	
D	H02M2001/0064	1	{Magnetic structures combining different functions, e.g. storage, filtering, transformation}	<administrative transfer to H02M 1/0064 ADD>
N	H02M1/0064	1	{Magnetic structures combining different functions, e.g. storage, filtering or transformation}	
D	H02M2001/0067	1	{Converter structures employing plural converter units, other than for parallel operation of the units on a single load}	<administrative transfer to H02M 1/0067 ADD>
N	H02M1/0067	1	{Converter structures employing plural converter units, other than for parallel operation of the units on a single load}	
D	H02M 2001/007	2	{Plural converter units in cascade (push-pull dc/dc converters with preregulator H02M3/3374; dc-ac converters following a dc-dc stage which includes a high frequency transformer H02M7/4807, dc-ac converters following a dc-dc conversion stage which generates a periodically varying voltage H02M7/4826)}	<administrative transfer to H02M 1/007 ADD>
N	H02M1/007	2	{Plural converter units in cascade (push-pull DC/DC converters with pre-regulator H02M3/3374; DC-AC converters following a DC-DC stage including a high frequency transformer H02M7/4807; DC-AC converters following a DC-DC conversion stage generating periodically varying voltages H02M7/4826)}	
D	H02M2001/0074	2	{Plural converter units whose inputs are connected in series}	<administrative transfer to H02M 1/0074 ADD>
N	H02M1/0074	2	{Plural converter units whose inputs are connected in series}	
D	H02M2001/0077	2	{Plural converter units whose outputs are connected in series}	<administrative transfer to H02M 1/0077 ADD>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	H02M1/0077	2	{Plural converter units whose outputs are connected in series}	
D	H02M2001/008	2	{Plural converter units for generating at least two independent, non-parallel outputs, e.g. systems with plural point of load switching regulators}	<administrative transfer to H02M 1/008 ADD>
N	H02M1/008	2	{Plural converter units for generating at two or more independent and non-parallel outputs, e.g. systems with plural point of load switching regulators}	
D	H02M2001/0083	1	{Converters characterized by their input or output configuration}	<administrative transfer to H02M 1/0083 ADD>
Q	H02M1/0083	1	{Converters characterised by their input or output configuration}	H02M1/0083, H02M1/0085 H02M1/0095
N	H02M1/0085	2	{Partially controlled bridges}	
D	H02M2001/0087	2	{adapted for receiving as input a current source}	<administrative transfer to H02M 1/0087 ADD>
N	H02M1/0087	2	{adapted for receiving as input a current source}	
D	H02M 2001/009	2	{having more than one output with independent control (for dc-dc converter with intermediate ac H02M3/33561)}	<administrative transfer to H02M 1/009 ADD>
N	H02M1/009	2	{having two or more independently controlled outputs (for DC-DC converter with intermediate AC H02M3/33561)}	
D	H02M2001/0093	2	{wherein the output is created by adding a regulated voltage to or subtracting it from an unregulated input}	<administrative transfer to H02M 1/0093 ADD>
N	H02M1/0093	2	{wherein the output is created by adding a regulated voltage to or subtracting it from an unregulated input}	
N	H02M1/0095	1	{Hybrid converter topologies, e.g. NPC mixed with flying capacitor, thyristor converter mixed with MMC or charge pump mixed with buck}	
D	H02M2001/0096	1	{Means for increasing hold-up time, i.e. the duration of time that a converter's output will remain within regulated limits following a loss of input power}	<administrative transfer to H02M 1/0096 ADD>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	H02M1/0096	1	{Means for increasing hold-up time, i.e. the duration of time that a converter's output will remain within regulated limits following a loss of input power}	
D	H02M 2001/123	2	{Suppression of common mode voltage or current}	\<administrative transfer to H02M 1/123 ADD>
N	H02M1/123	2	{Suppression of common mode voltage or current}	
D	H02M 2001/322	2	{Means for rapidly discharging a capacitor of the converter, in order to protect electrical components or prevent electrical shock}	\<administrative transfer to H02M 1/322 ADD>
N	H02M1/322	2	{Means for rapidly discharging a capacitor of the converter for protecting electrical components or for preventing electrical shock}	
D	H02M2001/325	2	{with means for allowing continuous operation despite a fault, i.e. fault tolerant converters}	\<administrative transfer to H02M 1/325 ADD>
N	H02M1/325	2	{with means for allowing continuous operation despite a fault, i.e. fault tolerant converters}	
D	H02M2001/327	2	{against abnormal temperatures}	\<administrative transfer to H02M 1/327 ADD>
N	H02M1/327	2	{against abnormal temperatures}	
D	H02M2001/342	3	{Active non-dissipative snubbers}	\<administrative transfer to H02M 1/342 ADD>
N	H02M1/342	3	{Active non-dissipative snubbers}	
D	H02M2001/344	3	{Active dissipative snubbers}	\<administrative transfer to H02M 1/344 ADD>
N	H02M1/344	3	{Active dissipative snubbers}	
D	H02M2001/346	3	{Passive non-dissipative snubbers}	\<administrative transfer to H02M 1/346 ADD>
N	H02M1/346	3	{Passive non-dissipative snubbers}	
D	H02M2001/348	3	{Passive dissipative snubbers}	\<administrative transfer to H02M 1/348 ADD>
N	H02M1/348	3	{Passive dissipative snubbers}	
D	H02M2001/385	2	{with means for correcting output voltage deviations introduced by the dead time}	\<administrative transfer to H02M 1/385 ADD>
N	H02M1/385	2	{with means for correcting output voltage deviations introduced by the dead time}	
C	H02M1/4225	3	{using a non-isolated boost converter}	H02M 1/4225, H02M 1/0085

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
C	H02M1/4233	3	{using a bridge converter comprising active switches}	H02M 1/4233, H02M 1/0085
D	H02M2001/4275	3	{by adding an auxiliary output voltage in series to the input}	<administrative transfer to H02M 1/4275 ADD>
N	H02M1/4275	3	{by adding an auxiliary output voltage in series to the input}	
D	H02M2001/4283	3	{by adding a controlled rectifier in parallel to a first rectifier feeding a smoothing capacitor}	<administrative transfer to H02M 1/4283 ADD>
N	H02M1/4283	3	{by adding a controlled rectifier in parallel to a first rectifier feeding a smoothing capacitor}	
D	H02M2001/4291	3	{by using a Buck converter to switch the input current}	<administrative transfer to H02M 1/4291 ADD>
N	H02M1/4291	3	{by using a Buck converter to switch the input current}	
C	H02M3/00	0	Conversion of dc power input into dc power output	H02M 3/00, H02M 3/003
N	H02M 3/003	1	{Constructional details, e.g. physical layout, assembly, wiring or busbar connections}	
U	H02M3/005	1	{using Cuk converters}	
N	H02M3/01	1	{Resonant DC/DC converters}	
N	H02M3/015	2	{with means for adaptation of resonance frequency, e.g. by modification of capacitance or inductance of resonance circuit}	
D	H02M2003/071	5	{adapted to generate a negative voltage output from a positive voltage source}	<administrative transfer to H02M 3/071 ADD>
N	H02M3/071	5	{adapted to generate a negative voltage output from a positive voltage source}	
D	H02M2003/072	5	{adapted to generate an output voltage whose value is lower than the input voltage}	<administrative transfer to H02M 3/072 ADD>
N	H02M3/072	5	{adapted to generate an output voltage whose value is lower than the input voltage}	
M	H02M3/073	5	{Charge pumps of the Schenkel-type}	
D	H02M2003/075	6	{including a plurality of stages and two sets of clock signals, one set for the odd and one set for the even numbered stages}	<administrative transfer to H02M 3/075 ADD>
N	H02M3/075	6	{including a plurality of stages and two sets of clock signals, one set for the odd and one set for the even numbered stages}	
D	H02M2003/076	6	{the clock signals being boosted to a value which is higher than input voltage value}	<administrative transfer to H02M 3/076 ADD>
N	H02M3/076	6	{the clock signals being boosted to a value being higher than the input voltage value}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to[#]
D	H02M2003/077	6	{with parallel connected charge pump stages}	<administrative transfer to H02M 3/077 ADD>
N	H02M3/077	6	{with parallel connected charge pump stages}	
D	H02M2003/078	6	{with means for reducing the back bias effect, i.e. the effect which causes the threshold voltage of transistors to increase as more stages are added to the converter}	<administrative transfer to H02M 3/078 ADD>
N	H02M3/078	6	{with means for reducing the back bias effect, i.e. the effect which causes the threshold voltage of transistors to increase as more stages are added to the converters}	
D	H02M2003/1552	6	{Boost converters exploiting the leakage inductance of a transformer or of an alternator as boost inductor}	<administrative transfer to H02M 3/1552 ADD>
N	H02M3/1552	6	{Boost converters exploiting the leakage inductance of a transformer or of an alternator as boost inductor}	
D	H02M2003/1555	6	{for the generation of a regulated current to a load whose impedance is substantially inductive}	<administrative transfer to H02M 3/1555 ADD>
N	H02M3/1555	6	{for the generation of a regulated current to a load whose impedance is substantially inductive}	
D	H02M2003/1557	6	{Single ended primary inductor converters [SEPIC]}	<administrative transfer to H02M 3/1557 ADD>
N	H02M3/1557	6	{Single ended primary inductor converters [SEPIC]}	
D	H02M2003/1566	7	{with means for compensating against rapid load changes, e.g. with auxiliary current source, with dual mode control, with inductance variation}	<administrative transfer to H02M 3/1566 ADD>
N	H02M3/1566	7	{with means for compensating against rapid load changes, e.g. with auxiliary current source, with dual mode control or with inductance variation}	
D	H02M2003/1586	9	{switched with a phase shift, i.e. interleaved}	<administrative transfer to H02M 3/1586 ADD>
N	H02M3/1586	9	{switched with a phase shift, i.e. interleaved}	
M	H02M3/33507	6	{with automatic control of the output voltage or current, e.g. flyback converters (H02M 3/33561, H02M 3/33569 take precedence)}	

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M	H02M3/33523	7	{with galvanic isolation between input and output of both the power stage and the feedback loop}	
M	H02M3/33553	8	{with galvanic isolation between input and output of both the power stage and the feedback loop}	
C	H02M3/33569	6	{having several active switching elements (H02M3/3353 takes precedence)}	H02M3/33569, H02M3/33571, H02M3/33573, H02M3/01, H02M3/015
N	H02M3/33571	7	{Half-bridge at primary side of an isolation transformer}	
N	H02M3/33573	7	{Full-bridge at primary side of an isolation transformer}	
C	H02M3/337	6	in push-pull configuration {(H02M3/33576 takes precedence; with self-oscillating arrangements H02M3/3382, H02M3/3385)}	H02M3/337, H02M3/33571, H02M3/33573, H02M3/01, H02M3/015
U	H02M5/275	4	using devices of a triode or transistor type requiring continuous application of a control signal	
D	H02M2005/2932	6	{with automatic control of output voltage, current or power}	<administrative transfer to H02M 5/2932 ADD>
N	H02M5/2932	6	{with automatic control of output voltage, current or power}	
D	H02M2005/2935	7	{using reverse phase control, i.e. turn-on of switch in series with load at zero crossing of input voltage, turn-off before next zero crossing}	<administrative transfer to H02M 5/2935 ADD>
N	H02M5/2935	7	{using reverse phase control, i.e. turn-on of switches in series with load at zero crossing of input voltage, turn-off before next zero crossing}	
D	H02M2005/2937	7	{using whole cycle control, i.e. switching an integer number of whole (half) cycles of the ac input voltage}	<administrative transfer to H02M 5/2937 ADD>
N	H02M5/2937	7	{using whole cycle control, i.e. switching an integer number of whole or half cycles of the AC input voltage}	
M	H02M7/003	1	{Constructional details, e.g. physical layout, assembly, wiring or busbar connections}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
C	H02M7/04	2	by static converters	H02M 7/04, H02M 7/05
U	H02M7/046	3	{using discharge tubes}	
N	H02M7/05	3	{Capacitor coupled rectifiers}	
D	H02M2007/2195	7	{the switches being synchronously commutated at the same frequency of the AC input voltage}	<administrative transfer to H02M 7/2195 INV>
N	H02M7/2195	7	{the switches being synchronously commutated at the same frequency of the AC input voltage}	
D	H02M2007/4803	4	{with means for reducing dc component from AC output voltage}	<administrative transfer to H02M 7/4803 INV>
N	H02M7/4803	4	{with means for reducing DC component from AC output voltage}	
D	H02M2007/4811	4	{having an auxiliary actively switched resonant commutation circuit connected to an intermediate dc voltage or between two push-pull branches}	<administrative transfer to H02M 7/4811 INV>
N	H02M7/4811	4	{having auxiliary actively switched resonant commutation circuits connected to intermediate DC voltage or between two push-pull branches}	
D	H02M2007/4815	4	{Resonant converters (H02M2007/4811 and H02M7/4826 take precedence)}	<administrative transfer to H02M 7/4815>
N	H02M7/4815	4	{Resonant converters (H02M7/4811 and H02M7/4826 take precedence)}	
D	H02M2007/4818	5	{with means for adaptation of resonance frequency, e.g. by modification of capacitance or inductance of resonance circuit}	<administrative transfer to H02M 7/4818>
N	H02M7/4818	5	{with means for adaptation of resonance frequency, e.g. by modification of capacitance or inductance of resonance circuits}	
D	H02M2007/4822	4	{arranged for operation in parallel}	<administrative transfer to H02M 7/493>
C	H02M7/483	4	Converters with outputs that each can have more than two voltages levels	H02M 7/483, H02M 7/4833
N	H02M 7/4833	5	{Capacitor voltage balancing}	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	H02M2007/4835	5	{comprising a plurality of cells, each including a switchable capacitor, the capacitors having a nominal charge voltage which corresponds to a given fraction of the input voltage, the capacitors being selectively connected in series to determine the instantaneous output voltage}	<administrative transfer to H02M 7/4835 INV>
Q	H02M7/4835	5	{comprising two or more cells, each including a switchable capacitor, the capacitors having a nominal charge voltage which corresponds to a given fraction of the input voltage, and the capacitors being selectively connected in series to determine the instantaneous output voltage}	H02M 7/4835, H02M 7/4837
N	H02M7/4837	5	{Flying capacitor converters}	
C	H02M7/493	4	the static converters being arranged for operation in parallel	H02M 7/493, H02M 1/0043
D	H02M2007/53876	9	{based on synthetising a desired voltage vector via the selection of appropriate fundamental voltage vectors, and corresponding dwelling times}	<administrative transfer to H02M 7/53876 INV>
N	H02M7/53876	9	{based on synthesising a desired voltage vector via the selection of appropriate fundamental voltage vectors, and corresponding dwelling times}	
D	H02M2007/53878	8	{by time shifting switching signals of one diagonal pair of the bridge with respect to the other diagonal pair}	<administrative transfer to H02M 7/53878 INV>
N	H02M7/53878	8	{by time shifting switching signals of one diagonal pair of the bridge with respect to the other diagonal pair}	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:
- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).

- U groups: it is obligatory to display the required "anchor" symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups).Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- "Transferred to" column <u>must</u> be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the "Transferred to" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>", "<administrative transfer to XX and YY simultaneously>", or "<administrative transfer to XX, YY, ...and ZZ simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be "additional information".
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations "ADD" or "INV": <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the "D" entries of 2000-series or Y-series groups may not require a destination ("Transferred to") symbol, however it is required to specify "<no transfer>" in the "Transferred to" column for such cases.
- For finalisation projects, the deleted "F" symbols should have <no transfer> in the "Transferred to" column.
- For more details about the types of scheme change, see CPC Guide.

B. New, Modified or Deleted Warning(s)

SUBCLASS H02M – APPARATUS FOR CONVERSION BETWEEN AC AND AC, BETWEEN AC AND DC, OR BETWEEN DC AND DC, AND FOR USE WITH MAINS OR SIMILAR POWER SUPPLY SYSTEMS; CONVERSION OF DC OR AC INPUT POWER INTO SURGE OUTPUT POWER; CONTROL OR REGULATION THEREOF (transformers H01F; dynamo-electric converters H02K 47/00; controlling transformers, reactors or choke coils, control or regulation of electric motors, generators or dynamo-electric converters H02P)

Type*	Location	Old Warning	New/Modified Warning
N	H02M 1/00		Group H02M 1/00 is impacted by reclassification into group H02M 1/0043. Groups H02M 1/00 and H02M 1/0043 should be considered in order to perform a complete search.
N	H02M 1/0043		Group H02M 1/0043 is incomplete pending reclassification of documents from groups H02M 1/00 and H02M 7/493. Groups H02M 1/00, H02M 7/493 and H02M 1/0043 should be considered in order to perform a complete search.
N	H02M 1/0083		Group H02M 1/0083 is impacted by reclassification into groups H02M 1/0085 and H02M 1/0095. Groups H02M 1/0083, H02M 1/0085 and H02M 1/0095 should be considered in order to perform a complete search.
N	H02M 1/0085		Group H02M 1/0085 is incomplete pending reclassification of documents from groups H02M 1/0083, H02M 1/4225 and H02M 1/4233. All groups listed in this Warning should be considered in order to perform a complete search.
N	H02M 1/0095		Group H02M 1/0095 is incomplete pending reclassification of documents from group H02M 1/0083. Groups H02M 1/0083 and H02M 1/0095 should be considered in order to perform a complete search.
N	H02M 1/4225		Group H02M 1/4225 is impacted by reclassification into group H02M 1/0085. Groups H02M 1/4225 and H02M 1/0085 should be considered in order to perform a complete search.
N	H02M 1/4233		Group H02M 1/4233 is impacted by reclassification into group H02M 1/0085. Groups H02M 1/4233 and H02M 1/0085 should be considered in order to perform a complete search.
N	H02M 3/00		Group H02M 3/00 is impacted by reclassification into group H02M 3/003. Groups H02M 3/00 and H02M 3/003 should be considered in order to perform a complete search.
N	H02M 3/003		Group H02M 3/003 is incomplete pending reclassification of documents from group H02M 3/00. Groups H02M 3/00 and H02M 3/003 should be considered in order to perform a complete search.
N	H02M 3/01		Groups H02M 3/01 and H02M 3/015 are incomplete pending reclassification of documents from groups H02M 3/33569 and H02M 3/337. All groups listed in this Warning should be considered in order to perform a complete search.

Type*	Location	Old Warning	New/Modified Warning
N	H02M 3/33569		Group H02M 3/33569 is impacted by reclassification into groups H02M 3/33571, H02M 3/33573, H02M 3/01 and H02M 3/015. All groups listed in this Warning should be considered in order to perform a complete search.
N	H02M 3/33571		Group H02M 3/33571 is incomplete pending reclassification of documents from groups H02M 3/33569 and H02M 3/337. Groups H02M 3/33569, H02M 3/337 and H02M 3/33571 should be considered in order to perform a complete search.
N	H02M 3/33573		Group H02M 3/33573 is incomplete pending reclassification of documents from groups H02M 3/33569 and H02M 3/337. Groups H02M 3/33569, H02M 3/337 and H02M 3/33573 should be considered in order to perform a complete search.
N	H02M 3/337		Group H02M 3/337 is impacted by reclassification into groups H02M 3/33571, H02M 3/33573, H02M 3/01 and H02M 3/015. All groups listed in this Warning should be considered in order to perform a complete search.
N	H02M 7/04		Group H02M 7/04 is impacted by reclassification into group H02M 7/05. Groups H02M 7/04 and H02M 7/05 should be considered in order to perform a complete search.
N	H02M 7/05		Group H02M 7/05 is incomplete pending reclassification of documents from group H02M 7/04. Groups H02M 7/04 and H02M 7/05 should be considered in order to perform a complete search.
N	H02M 7/483		Group H02M 7/483 is impacted by reclassification into group H02M 7/4833. Groups H02M 7/483 and H02M 7/4833 should be considered in order to perform a complete search.
N	H02M 7/4833		Group H02M 7/4833 is incomplete pending reclassification of documents from group H02M 7/483. Groups H02M 7/483 and H02M 7/4833 should be considered in order to perform a complete search.
N	H02M 7/4835		Group H02M 7/4835 is impacted by reclassification into group H02M 7/4837. Groups H02M 7/4835 and H02M 7/4837 should be considered in order to perform a complete search.
N	H02M 7/4837		Group H02M 7/4837 is incomplete pending reclassification of documents from group H02M 7/4835. Groups H02M 7/4835 and H02M 7/4837 should be considered in order to perform a complete search.
N	H02M 7/493		Group H02M 7/493 is impacted by reclassification into group H02M 1/0043. Groups H02M 7/493 and H02M 1/0043 should be considered in order to perform a complete search.

*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

2. A. DEFINITIONS (new)

<u>Insert</u>:   The following new Definition:

H02M 1/08

Definition statement

This place covers:

Details of circuits used in static power converters for generating driving voltages or currents necessary for controlling, e.g. via a gate or base terminal, the switching state of power semiconductor devices (e.g., gate drivers).

The scope of this subgroup is not intended to cover logical control circuits in a static converter without additional, specialized driver circuitry for controlling the gate or base of a power semiconductor switching device.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Electronic switching or gating	H03K 17/00

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2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
H02M1/00	Limiting References	Protection circuits in general, other than those forming an integral part of power converters H02H 7/10, H02H 7/12	<u>Delete</u> the <u>entire</u> Limiting references section.
H02M1/00	Informative References		<u>Insert</u> the following new row into the Informative references table: Protection circuits in general, other than those forming an integral part of power converters H02H 7/10, H02H 7/12
H02M3/00	Limiting References	Electric motor control with feedback of internal parameters of the motor H02P	<u>Delete</u> the <u>entire</u> Limiting references section.
H02M3/00	Informative References		<u>Insert</u> the following new row into the Informative references table: Electric motor control with feedback of internal parameters of the motor H02P

NOTES:
- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.

3.   REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	H02M 1/00	H02M 1/00, H02M 1/0043
D	H02M 2001/0003	\<administrative transfer to H02M 1/0003 ADD>
D	H02M 2001/0006	\<administrative transfer to H02M 1/0006 ADD>
D	H02M 2001/0009	\<administrative transfer to H02M 1/0009 ADD>
D	H02M 2001/0012	\<administrative transfer to H02M 1/0012 ADD>
D	H02M 2001/0016	\<administrative transfer to H02M 1/0016 ADD>
D	H02M 2001/0019	\<administrative transfer to H02M 1/0019 ADD>
D	H02M 2001/0022	\<administrative transfer to H02M 1/0022 ADD>
D	H02M 2001/0025	\<administrative transfer to H02M 1/0025 ADD>
D	H02M 2001/0029	\<administrative transfer to H02M 1/0029 ADD>
D	H02M 2001/0032	\<administrative transfer to H02M 1/0032 ADD>
D	H02M 2001/0035	\<administrative transfer to H02M 1/0035 ADD>
D	H02M 2001/0038	\<administrative transfer to H02M 1/0038 ADD>
D	H02M 2001/0041	\<administrative transfer to H02M 1/0041 ADD>
D	H02M 2001/0045	\<administrative transfer to H02M 1/0045 ADD>
D	H02M 2001/0048	\<administrative transfer to H02M 1/0048 ADD>
D	H02M 2001/0051	\<administrative transfer to H02M 1/0051 ADD>
D	H02M 2001/0054	\<administrative transfer to H02M 1/0054 ADD>
D	H02M 2001/0058	\<administrative transfer to H02M 1/0058 ADD>
D	H02M 2001/0064	\<administrative transfer to H02M 1/0064 ADD>
D	H02M 2001/0067	\<administrative transfer to H02M 1/0067 ADD>
D	H02M 2001/007	\<administrative transfer to H02M 1/007 ADD>
D	H02M 2001/0074	\<administrative transfer to H02M 1/0074 ADD>
D	H02M 2001/0077	\<administrative transfer to H02M 1/0077 ADD>
D	H02M 2001/008	\<administrative transfer to H02M 1/008 ADD>
D	H02M 2001/0083	\<administrative transfer to H02M 1/0083 ADD>
Q	H02M 1/0083	H02M 1/0083, H02M 1/0085, H02M 1/0095
D	H02M 2001/0087	\<administrative transfer to H02M 1/0087 ADD>
D	H02M 2001/009	\<administrative transfer to H02M 1/009 ADD>
D	H02M 2001/0093	\<administrative transfer to H02M 1/0093 ADD>
D	H02M 2001/0096	\<administrative transfer to H02M 1/0096 ADD>
D	H02M 2001/123	\<administrative transfer to H02M 1/123 ADD>
D	H02M 2001/322	\<administrative transfer to H02M 1/322 ADD>
D	H02M 2001/325	\<administrative transfer to H02M 1/325 ADD>
D	H02M 2001/327	\<administrative transfer to H02M 1/327 ADD>
D	H02M 2001/342	\<administrative transfer to H02M 1/342 ADD>
D	H02M 2001/344	\<administrative transfer to H02M 1/344 ADD>
D	H02M 2001/346	\<administrative transfer to H02M 1/346 ADD>
D	H02M 2001/348	\<administrative transfer to H02M 1/348 ADD>
D	H02M 2001/385	\<administrative transfer to H02M 1/385 ADD>
C	H02M 1/4225	H02M 1/4225, H02M 1/0085
C	H02M 1/4233	H02M 1/4233, H02M 1/0085
D	H02M 2001/4275	\<administrative transfer to H02M 1/4275 ADD>
D	H02M 2001/4283	\<administrative transfer to H02M 1/4283 ADD>
D	H02M 2001/4291	\<administrative transfer to H02M 1/4291 ADD>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	H02M 3/00	H02M 3/00, H02M 3/003
D	H02M 2003/071	<administrative transfer to H02M 3/071 ADD>
D	H02M 2003/072	<administrative transfer to H02M 3/072 ADD>
D	H02M 2003/075	<administrative transfer to H02M 3/075 ADD>
D	H02M 2003/076	<administrative transfer to H02M 3/076 ADD>
D	H02M 2003/077	<administrative transfer to H02M 3/077 ADD>
D	H02M 2003/078	<administrative transfer to H02M 3/078 ADD>
D	H02M 2003/1552	<administrative transfer to H02M 3/1552 ADD>
D	H02M 2003/1555	<administrative transfer to H02M 3/1555 ADD>
D	H02M 2003/1557	<administrative transfer to H02M 3/1557 ADD>
D	H02M 2003/1566	<administrative transfer to H02M 3/1566 ADD>
D	H02M 2003/1586	<administrative transfer to H02M 3/1586 ADD>
C	H02M 3/33569	H02M 3/33569, H02M 3/33571, H02M 3/33573, H02M 3/01, H02M 3/015
C	H02M 3/337	H02M 3/337, H02M 3/33571, H02M 3/33573, H02M 3/01, H02M 3/015
D	H02M 2005/2932	<administrative transfer to H02M 5/2932 ADD>
D	H02M 2005/2935	<administrative transfer to H02M 5/2935 ADD>
D	H02M 2005/2937	<administrative transfer to H02M 5/2937 ADD>
C	H02M 7/04	H02M 7/04, H02M 7/05
D	H02M 2007/2195	<administrative transfer to H02M 7/2195 INV>
D	H02M 2007/4803	<administrative transfer to H02M 7/4803 INV>
D	H02M 2007/4811	<administrative transfer to H02M 7/4811 INV>
D	H02M 2007/4815	<administrative transfer to H02M 7/4815>
D	H02M 2007/4818	<administrative transfer to H02M 7/4818>
D	H02M 2007/4822	<administrative transfer to H02M 7/493>
C	H02M 7/483	H02M 7/483, H02M 7/4833
D	H02M 2007/4835	<administrative transfer to H02M 7/4835 INV>
Q	H02M 7/4835	H02M 7/4835, H02M 7/4837
C	H02M 7/493	H02M 7/493, H02M 1/0043
D	H02M 2007/53876	<administrative transfer to H02M 7/53876 INV>
D	H02M 2007/53878	<administrative transfer to H02M 7/53878 INV>

* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:
- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the "To" column, do not use ranges of symbols.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>", "<administrative transfer to XX and YY simultaneously>", or "<administrative transfer to XX, YY, ...and ZZ simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be "additional information".
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations "ADD" or "INV": <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.

- In certain situations, the "D" entries of 2000-series or Y-series groups may not require a destination ("To") symbol, however it is required to specify "<no transfer>" in the "To" column for such cases.
- RCL is not needed for finalisation projects.

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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

CPC	**IPC**	**Action***
H02M 2001/0003		DELETE
H02M 1/0003	H02M 1/00	NEW
H02M 2001/0006		DELETE
H02M 1/0006	H02M 1/00	NEW
H02M 2001/0009		DELETE
H02M 1/0009	H02M 1/00	NEW
H02M 2001/0012		DELETE
H02M 1/0012	H02M 1/00	NEW
H02M 2001/0016		DELETE
H02M 1/0016	H02M 1/00	NEW
H02M 2001/0019		DELETE
H02M 1/0019	H02M 1/00	NEW
H02M 2001/0022		DELETE
H02M 1/0022	H02M 1/00	NEW
H02M 2001/0025		DELETE
H02M 1/0025	H02M 1/00	NEW
H02M 2001/0029		DELETE
H02M 1/0029	H02M 1/00	NEW
H02M 2001/0032		DELETE
H02M 1/0032	H02M 1/00	NEW
H02M 2001/0035		DELETE
H02M 1/0035	H02M 1/00	NEW
H02M 2001/0038		DELETE
H02M 1/0038	H02M 1/00	NEW
H02M 2001/0041		DELETE
H02M 1/0041	H02M 1/00	NEW
H02M 1/0043	H02M 1/00	NEW
H02M 2001/0045		DELETE
H02M 1/0045	H02M 1/00	NEW
H02M 2001/0048		DELETE
H02M 1/0048	H02M 1/00	NEW
H02M 2001/0051		DELETE
H02M 1/0051	H02M 1/00	NEW
H02M 2001/0054		DELETE
H02M 1/0054	H02M 1/00	NEW
H02M 2001/0058		DELETE
H02M 1/0058	H02M 1/00	NEW
H02M 2001/0064		DELETE
H02M 1/0064	H02M 1/00	NEW
H02M 2001/0067		DELETE

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CPC	IPC	Action*
H02M 1/0067	H02M 1/00	NEW
H02M 2001/007		DELETE
H02M 1/007	H02M 1/00	NEW
H02M 2001/0074		DELETE
H02M 1/0074	H02M 1/00	NEW
H02M 2001/0077		DELETE
H02M 1/0077	H02M 1/00	NEW
H02M 2001/008		DELETE
H02M 1/008	H02M 1/00	NEW
H02M 2001/0083		DELETE
H02M 1/0083	H02M 1/00	NEW
H02M 1/0085	H02M 1/00	NEW
H02M 2001/0087		DELETE
H02M 1/0087	H02M 1/00	NEW
H02M 2001/009		DELETE
H02M 1/009	H02M 1/00	NEW
H02M 2001/0093		DELETE
H02M 1/0093	H02M 1/00	NEW
H02M 1/0095	H02M 1/00	NEW
H02M 2001/0096		DELETE
H02M 1/0096	H02M 1/00	NEW
H02M 2001/123		DELETE
H02M 1/123	H02M 1/12	NEW
H02M 2001/322		DELETE
H02M 1/322	H02M 1/32	NEW
H02M 2001/325		DELETE
H02M 1/325	H02M 1/32	NEW
H02M 2001/327		DELETE
H02M 1/327	H02M 1/32	NEW
H02M 2001/342		DELETE
H02M 1/342	H02M 1/34	NEW
H02M 2001/344		DELETE
H02M 1/344	H02M 1/34	NEW
H02M 2001/346		DELETE
H02M 1/346	H02M 1/34	NEW
H02M 2001/348		DELETE
H02M 1/348	H02M 1/34	NEW
H02M 2001/385		DELETE
H02M 1/385	H02M 1/38	NEW
H02M 2001/4275		DELETE
H02M 1/4275	H02M 1/42	NEW
H02M 2001/4283		DELETE
H02M 1/4283	H02M 1/42	NEW

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CPC	IPC	Action*
H02M 2001/4291		DELETE
H02M 1/4291	H02M 1/42	NEW
H02M 3/003	H02M 3/00	NEW
H02M 3/01	H02M 3/00	NEW
H02M 3/015	H02M 3/00	NEW
H02M 2003/071		DELETE
H02M 3/071	H02M 3/07	NEW
H02M 2003/072		DELETE
H02M 3/072	H02M 3/07	NEW
H02M 2003/075		DELETE
H02M 3/075	H02M 3/07	NEW
H02M 2003/076		DELETE
H02M 3/076	H02M 3/07	NEW
H02M 2003/077		DELETE
H02M 3/077	H02M 3/07	NEW
H02M 2003/078		DELETE
H02M 3/078	H02M 3/07	NEW
H02M 2003/1552		DELETE
H02M 3/1552	H02M 3/155	NEW
H02M 2003/1555		DELETE
H02M 3/1555	H02M 3/155	NEW
H02M 2003/1557		DELETE
H02M 3/1557	H02M 3/155	NEW
H02M 2003/1566		DELETE
H02M 3/1566	H02M 3/156	NEW
H02M 2003/1586		DELETE
H02M 3/1586	H02M 3/158	NEW
H02M 3/33571	H02M 3/335	NEW
H02M 3/33573	H02M 3/335	NEW
H02M 2005/2932		DELETE
H02M 5/2932	H02M 5/293	NEW
H02M 2005/2935		DELETE
H02M 5/2935	H02M 5/293	NEW
H02M 2005/2937		DELETE
H02M 5/2937	H02M 5/293	NEW
H02M 7/05	H02M 7/04	NEW
H02M 2007/2195		DELETE
H02M 7/2195	H02M 7/219	NEW
H02M 2007/4803		DELETE
H02M 7/4803	H02M 7/48	NEW
H02M 2007/4811		DELETE
H02M 7/4811	H02M 7/48	NEW
H02M 2007/4815		DELETE

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CPC	IPC	Action*
H02M 7/4815	H02M 7/48	NEW
H02M 2007/4818		DELETE
H02M 7/4818	H02M 7/48	NEW
H02M 2007/4822		DELETE
H02M 7/4833	H02M 7/483	NEW
H02M 2007/4835		DELETE
H02M 7/4835	H02M 7/483	NEW
H02M 7/4837	H02M 7/483	NEW
H02M 2007/53876		DELETE
H02M 7/53876	H02M 7/5387	NEW
H02M 2007/53878		DELETE
H02M 7/53878	H02M 7/5387	NEW

*Action column:
- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with "NEW."
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with "UPDATED."
- For a (D) CPC entry or indexing entry complete the Action column with "DELETE." IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with "NEW".
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with "CPCONLY" and complete the action column with "NEW".

NOTES:
- F symbols are not included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.