EUROPEAN PATENT OFFICE U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 873

DATE: MAY 1, 2020

PROJECT MP0439

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

Action	<u>Subclass</u>	<u>Group(s)</u>	
SCHEME:			
Warnings New:	A01F	SUBCLASS	
	A23D	SUBCLASS	
	A23F	SUBCLASS	
	A45B	SUBCLASS	
	A45C	SUBCLASS	
	A63D	SUBCLASS	
	A63J	SUBCLASS	
	B01J	SUBCLASS	
	B22F	SUBCLASS	
	B25D	SUBCLASS	
	B60Q	SUBCLASS	
	B60W	SUBCLASS	
	B81B	SUBCLASS	
	C01C	SUBCLASS	
	C06B	SUBCLASS	
	C06C	SUBCLASS	
	C06D	SUBCLASS	
	С07Н	SUBCLASS	
	C08K	SUBCLASS	
	C10C	SUBCLASS	
	C10M	SUBCLASS	
	C11C	SUBCLASS	
	C12C	SUBCLASS	
	C12Q	SUBCLASS	
	C21C	SUBCLASS	
	C21D	SUBCLASS	
	C25C	SUBCLASS	
	D06J	SUBCLASS	
	D06N	SUBCLASS	
	E05B	SUBCLASS	
	F21H	SUBCLASS	
	F21L	SUBCLASS	
	F21S	SUBCLASS	
	F21V	SUBCLASS	

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Action	<u>Subclass</u>	Group(s)	
	F23B	SUBCLASS	
	G04D	SUBCLASS	
	G06Q	SUBCLASS	
	G06T	SUBCLASS	
	G07D	SUBCLASS	
	G08B	SUBCLASS	
	G09D	SUBCLASS	
	G10G	SUBCLASS	
	G16H	SUBCLASS	
	G21D	SUBCLASS	
	H03C	SUBCLASS	
	H03D	SUBCLASS	
	H04H	SUBCLASS	
	H04W	SUBCLASS	
	H05F	SUBCLASS	

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

B. <u>New, Modified or Deleted Warning(s)</u>

SUBCLASS A01F - PROCESSING OF HARVESTED PRODUCE; HAY OR STRAW PRESSES; DEVICES FOR STORING AGRICULTURAL OR HORTICULTURAL PRODUCE

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	A01F		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS A23D - EDIBLE OILS OR FATS, e.g. MARGARINES, SHORTENINGS, COOKING OILS

Ty	<u>pe</u> *	Location	<u>Old Warning</u>	<u>New/Modified Warning</u>
Ν	1	A23D		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS A23F - COFFEE; TEA; THEIR SUBSTITUTES; MANUFACTURE, PREPARATION, OR INFUSION THEREOF

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	A23F		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS A45B - WALKING STICKS; UMBRELLAS; LADIES' OR LIKE FANS

Ty	<u>pe</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
1	N	A45B		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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SUBCLASS A45C - PURSES; LUGGAGE; HAND CARRIED BAGS

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	A45C		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS A63D - BOWLING GAMES, e.g. SKITTLES, BOCCE OR BOWLS; INSTALLATIONS THEREFOR; BAGATELLE OR SIMILAR GAMES; BILLIARDS

<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	A63D		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS A63J - DEVICES FOR THEATRES, CIRCUSES, OR THE LIKE; CONJURING APPLIANCES OR THE LIKE

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	A63J		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS B01J - CHEMICAL OR PHYSICAL PROCESSES, e.g. CATALYSIS OR COLLOID CHEMISTRY; THEIR RELEVANT APPARATUS

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	B01J		Insert as Warning (2): In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS B22F - WORKING METALLIC POWDER; MANUFACTURE OF ARTICLES FROM METALLIC POWDER; MAKING METALLIC POWDER

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	B22F		Insert as Warning (2): In this subclass non-limiting references (in the sense of paragraph

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<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
			39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS B25D - PERCUSSIVE TOOLS

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	B25D		Insert as Warning (2): In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS B60Q - ARRANGEMENT OF SIGNALLING OR LIGHTING DEVICES, THE MOUNTING OR SUPPORTING THEREOF OR CIRCUITS THEREFOR, FOR VEHICLES IN GENERAL

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	B60Q		Insert as Warning (2): In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS B60W - CONJOINT CONTROL OF VEHICLE SUB-UNITS OF DIFFERENT TYPE OR DIFFERENT FUNCTION; CONTROL SYSTEMS SPECIALLY ADAPTED FOR HYBRID VEHICLES; ROAD VEHICLE DRIVE CONTROL SYSTEMS FOR PURPOSES NOT RELATED TO THE CONTROL OF A PARTICULAR SUB-UNIT

<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B60W		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS B81B - MICROSTRUCTURAL DEVICES OR SYSTEMS, e.g. MICROMECHANICAL DEVICES

<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B81B		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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SUBCLASS C01C - AMMONIA; CYANOGEN; COMPOUNDS THEREOF

<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	C01C		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS C06B - EXPLOSIVES OR THERMIC COMPOSITIONS; MANUFACTURE THEREOF; USE OF SINGLE SUBSTANCES AS EXPLOSIVES

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	C06B		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS C06C - DETONATING OR PRIMING DEVICES; FUSES; CHEMICAL LIGHTERS; PYROPHORIC COMPOSITIONS

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	C06C		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS C06D - MEANS FOR GENERATING SMOKE OR MIST; GAS-ATTACK COMPOSITIONS; GENERATION OF GAS FOR BLASTING OR PROPULSION (CHEMICAL PART)

<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	C06D		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS C07H - SUGARS; DERIVATIVES THEREOF; NUCLEOSIDES; NUCLEOTIDES; NUCLEIC ACIDS

<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	С07Н		In this subclass non-limiting references (in the sense of paragraph

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<u>Type</u> *	Location	<u>Old Warning</u>	<u>New/Modified Warning</u>
			39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS C08K - USE OF INORGANIC OR NON-MACROMOLECULAR ORGANIC SUBSTANCES AS COMPOUNDING INGREDIENTS

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	C08K		Insert as Warning (2): In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS C10C - WORKING-UP PITCH, ASPHALT, BITUMEN, TAR; PYROLIGNEOUS ACID

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	C10C		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS C10M - LUBRICATING COMPOSITIONS; USE OF CHEMICAL SUBSTANCES EITHER ALONE OR AS LUBRICATING INGREDIENTS IN A LUBRICATING COMPOSITION

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	C10M		Insert as Warning (2): In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS C11C - FATTY ACIDS FROM FATS, OILS OR WAXES; CANDLES; FATS, OILS OR FATTY ACIDS BY CHEMICAL MODIFICATION OF FATS, OILS, OR FATTY ACIDS OBTAINED THEREFROM

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	C11C		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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SUBCLASS C12C - BREWING OF BEER

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	C12C		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS C12Q - MEASURING OR TESTING PROCESSES INVOLVING ENZYMES, NUCLEIC ACIDS OR MICROORGANISMS; COMPOSITIONS OR TEST PAPERS THEREFOR; PROCESSES OF PREPARING SUCH COMPOSITIONS; CONDITION-RESPONSIVE CONTROL IN MICROBIOLOGICAL OR ENZYMOLOGICAL PROCESSES

<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	C12Q		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS C21C - PROCESSING OF PIG-IRON, e.g. REFINING, MANUFACTURE OF WROUGHTIRON OR STEEL; TREATMENT IN MOLTEN STATE OF FERROUS ALLOYS

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	C21C		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS C21D - MODIFYING THE PHYSICAL STRUCTURE OF FERROUS METALS; GENERAL DEVICES FOR HEAT TREATMENT OF FERROUS OR NON-FERROUS METALS OR ALLOYS; MAKING METAL MALLEABLE BY DECARBURISATION, TEMPERING OR OTHER TREATMENTS

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	C21D		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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SUBCLASS C25C - PROCESSES FOR THE ELECTROLYTIC PRODUCTION, RECOVERY OR REFINING OF METALS; APPARATUS THEREFOR

<u>Typ</u>	<u>e</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N		C25C		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS D06J - PLEATING, KILTING, OR GOFFERING TEXTILE FABRICS OR WEARING APPAREL

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	D06J		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS D06N - WALL, FLOOR OR LIKE COVERING MATERIALS, e.g. LINOLEUM, OILCLOTH, ARTIFICIAL LEATHER, ROOFING FELT, CONSISTING OF A FIBROUS WEB COATED WITH A LAYER OF MACROMOLECULAR MATERIAL; FLEXIBLE SHEET MATERIAL NOT OTHERWISE PROVIDED FOR

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
М	D06N		Delete the curly brackets from the existing Warning (2): In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS E05B - LOCKS; ACCESSORIES THEREFOR; HANDCUFFS

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	E05B		Insert as Warning (2): In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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SUBCLASS F21H - INCANDESCENT MANTLES; OTHER INCANDESCENT BODIES HEATED BY COMBUSTION

<u>Type</u> *	Location	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	F21H		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS F21L - LIGHTING DEVICES OR SYSTEMS THEREOF, BEING PORTABLE OR SPECIALLY ADAPTED FOR TRANSPORTATION

<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	F21L		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS F21S - NON-PORTABLE LIGHTING DEVICES; SYSTEMS THEREOF; VEHICLE LIGHTING DEVICES SPECIALLY ADAPTED FOR VEHICLE EXTERIORS

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	F21S		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS F21V - FUNCTIONAL FEATURES OR DETAILS OF LIGHTING DEVICES OR SYSTEMS THEREOF; STRUCTURAL COMBINATIONS OF LIGHTING DEVICES WITH OTHER ARTICLES, NOT OTHERWISE PROVIDED FOR

<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	F21V		Insert as Warning (2): In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS F23B - METHODS OR APPARATUS FOR COMBUSTION USING ONLY SOLID FUEL

<u>Type</u> *	Location	<u>Old Warning</u>	<u>New/Modified Warning</u>
Ν	F23B		In this subclass non-limiting references (in the sense of paragraph

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<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
			39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS G04D - APPARATUS OR TOOLS SPECIALLY DESIGNED FOR MAKING OR MAINTAINING CLOCKS OR WATCHES

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	G04D		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS G06Q - DATA PROCESSING SYSTEMS OR METHODS, SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL, SUPERVISORY OR FORECASTING PURPOSES; SYSTEMS OR METHODS SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL, SUPERVISORY OR FORECASTING PURPOSES, NOT OTHERWISE PROVIDED FOR

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	G06Q		Insert as Warning (2): In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS G06T - IMAGE DATA PROCESSING OR GENERATION, IN GENERAL

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	G06T		Insert as Warning (2): In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS G07D - HANDLING OF COINS OR VALUABLE PAPERS, e.g. TESTING, SORTING BY DENOMINATIONS, COUNTING, DISPENSING, CHANGING OR DEPOSITING

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	G07D		Insert as Warning (2): In this subclass non-limiting references (in the sense of paragraph

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<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
			39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS G08B - SIGNALLING OR CALLING SYSTEMS; ORDER TELEGRAPHS; ALARM SYSTEMS

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	G08B		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS G09D - RAILWAY OR LIKE TIME OR FARE TABLES; PERPETUAL CALENDARS

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	G09D		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS G10G - AIDS FOR MUSIC; SUPPORTS FOR MUSICAL INSTRUMENTS; OTHER AUXILIARY DEVICES OR ACCESSORIES FOR MUSIC OR MUSICAL INSTRUMENTS

ſ	<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
	Ν	G10G		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS G16H - HEALTHCARE INFORMATICS, i.e. INFORMATION AND COMMUNICATION TECHNOLOGY [ICT] SPECIALLY ADAPTED FOR THE HANDLING OR PROCESSING OF MEDICAL OR HEALTHCARE DATA

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	G16H		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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SUBCLASS G21D - NUCLEAR POWER PLANT

<u>Type</u> *	Location	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	G21D		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS H03C - MODULATION

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	H03C		Insert as Warning (2): In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS H03D - DEMODULATION OR TRANSFERENCE OF MODULATION FROM ONE CARRIER TO ANOTHER

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	H03D		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS H04H - BROADCAST COMMUNICATION

<u>Type</u> *	<u>Location</u>	Old Warning	<u>New/Modified Warning</u>
N	H04H		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

SUBCLASS H04W - WIRELESS COMMUNICATION NETWORKS

<u>Type</u> *	Location	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	H04W		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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SUBCLASS H05F - STATIC ELECTRICITY; NATURALLY-OCCURRING ELECTRICITY

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	H05F		In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

*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.