

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 90

DATE: JUNE 1, 2015

PROJECT DP0015

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Definitions new:	C09B	47/04, 47/10, 47/12, 47/14, 47/16, 47/18, 47/20, 47/22, 47/24, 47/26, 47/28, 47/30, 47/32
Definition modified:	C09B	47/00

**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 Notice(s)
  - C. New, Modified or Deleted Note(s)
  - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS (New or Modified)
  - A. DEFINITIONS (Full definition template)
  - B. DEFINITIONS (Definitions Quick Fix)
3.  REVISION CONCORDANCE LIST (RCL)
4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5.  CROSS-REFERENCE LIST (CRL)

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## 2. A. DEFINITIONS (i.e. new or modified)

**Insert (new):**

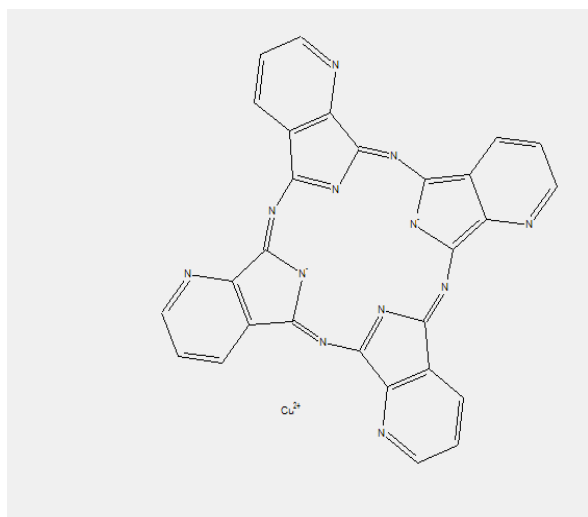
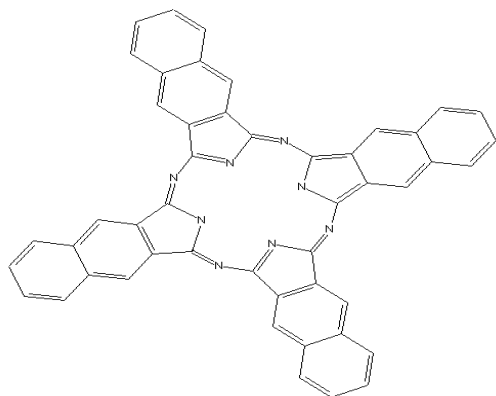
**C09B47/04**

**Phthalocyanines {abbreviation: Pc}**

**Definition statement**

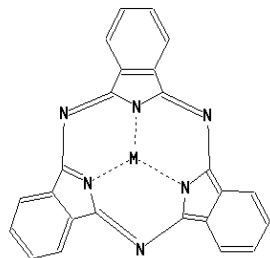
*This subgroup covers:*

Phthalocyanine compounds, e.g. naphthalocyanines, azaphthalocyanines and subphthalocyanines as illustrated by the examples below.



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**Insert (new):**

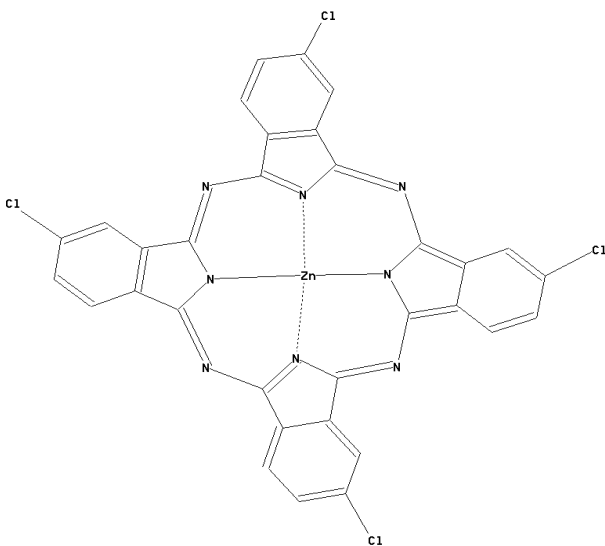
**C09B 47/10**

**Obtaining compounds having halogen atoms directly bound to the phthalocyanine skeleton**

**Definition statement**

*This subgroup covers:*

Preparation from other phthalocyanine compounds, phthalocyanine compounds containing halogen atoms directly bound to the phthalocyanine skeleton as illustrated by the example below.



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**Insert (new):**

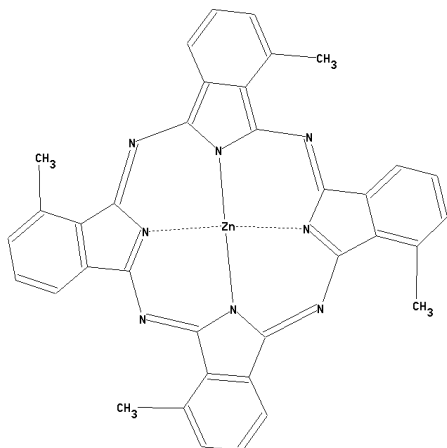
## **C09B 47/12**

**Obtaining compounds having alkyl radicals, or alkyl radicals substituted by hetero atoms, bound to the phthalocyanine skeleton**

### **Definition statement**

*This subgroup covers:*

Preparation from other phthalocyanine compounds, phthalocyanine compounds containing alkyl radicals, or alkyl radicals substituted by hetero atoms, bound to the phthalocyanine skeleton as illustrated by the example below.



**Insert (new):**

## **C09B 47/14**

**having alkyl radicals substituted by halogen atoms**

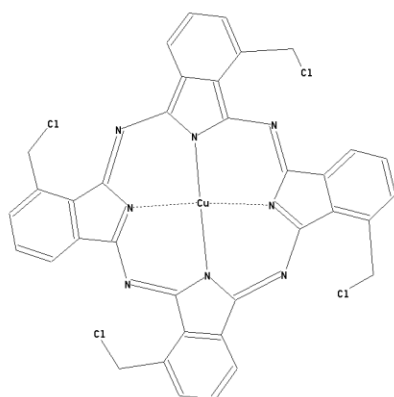
### **Definition statement**

*This subgroup covers:*

Preparation from other phthalocyanine compounds, phthalocyanine compounds containing alkyl radicals substituted by halogen atoms, bound to the phthalocyanine skeleton as illustrated by the example below.

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**Insert (new):**

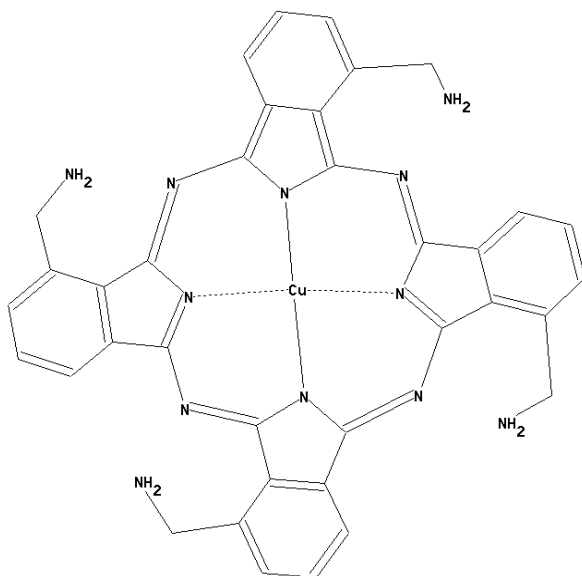
## **C09B 47/16**

**having alkyl radicals substituted by nitrogen atoms**

### **Definition statement**

*This subgroup covers:*

Preparation from other phthalocyanine compounds, phthalocyanine compounds containing alkyl radicals substituted by nitrogen atoms, bound to the phthalocyanine skeleton as illustrated by the example below.



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**Insert (new):**

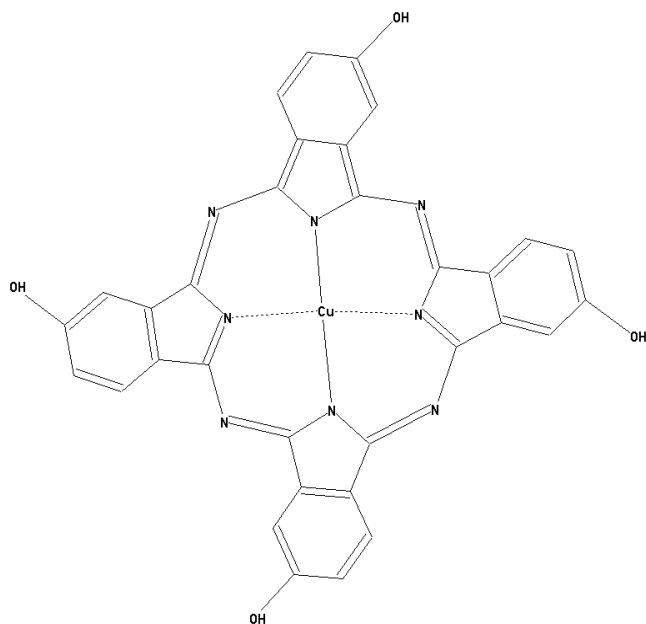
## **C09B 47/18**

**Obtaining compounds having oxygen atoms directly bound to the phthalocyanine skeleton**

### **Definition statement**

*This subgroup covers:*

Preparation from other phthalocyanine compounds, phthalocyanine compounds containing oxygen atoms directly bound to the phthalocyanine skeleton as illustrated by the example below.



**Insert (new):**

## **C09B 47/20**

**Obtaining compounds having sulfur atoms directly bound to the phthalocyanine skeleton**

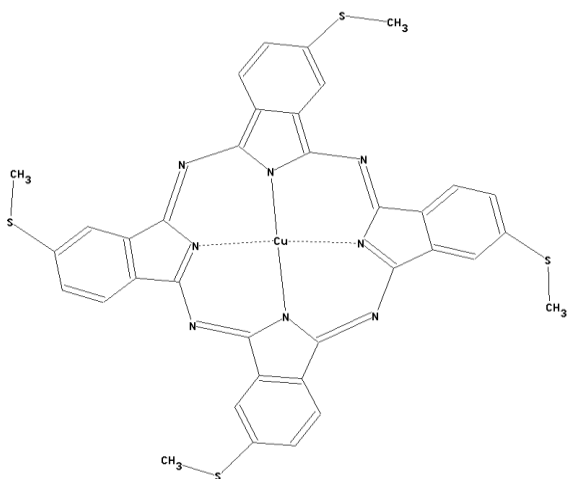
### **Definition statement**

*This subgroup covers:*

Preparation from other phthalocyanine compounds, phthalocyanine compounds containing sulfur atoms directly bound to the phthalocyanine skeleton as illustrated by the example below.

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**Insert (new):**

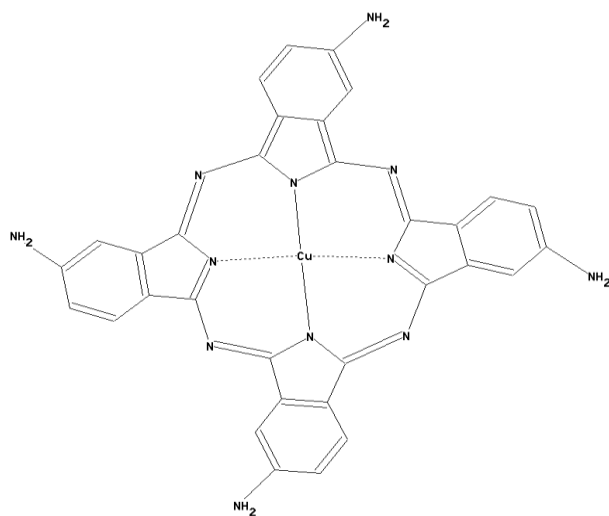
**C09B 47/22**

**Obtaining compounds having nitrogen atoms directly bound to the phthalocyanine skeleton**

**Definition statement**

*This subgroup covers:*

Preparation from other phthalocyanine compounds, phthalocyanine compounds containing nitrogen atoms directly bound to the phthalocyanine skeleton as illustrated by the example below.



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**Insert (new):**

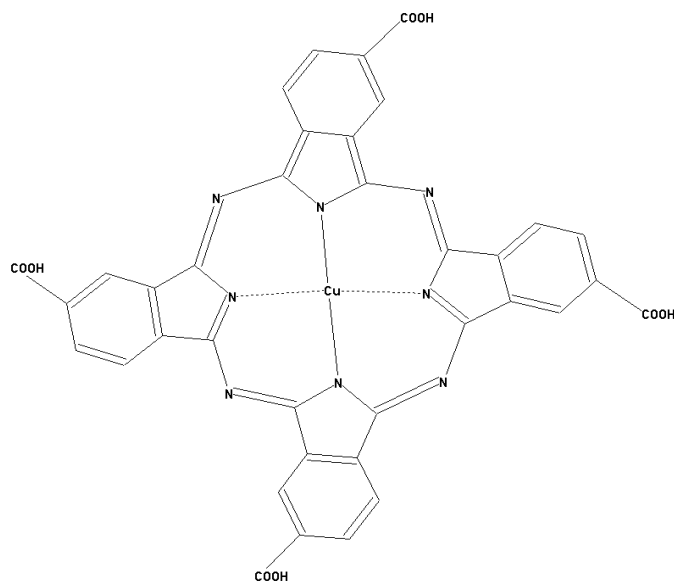
## **C09B 47/24**

**Obtaining compounds having -COOH or -SO<sub>3</sub>H radicals, or derivatives thereof, directly bound to the phthalocyanine radical**

### **Definition statement**

*This subgroup covers:*

Preparation from other phthalocyanine compounds, phthalocyanine compounds containing -COOH or -SO<sub>3</sub>H radicals, or derivatives thereof, directly bound to the phthalocyanine skeleton as illustrated by the example below.



**Insert (new):**

## **C09B 47/26**

**Amide radicals**

### **Definition statement**

*This subgroup covers:*

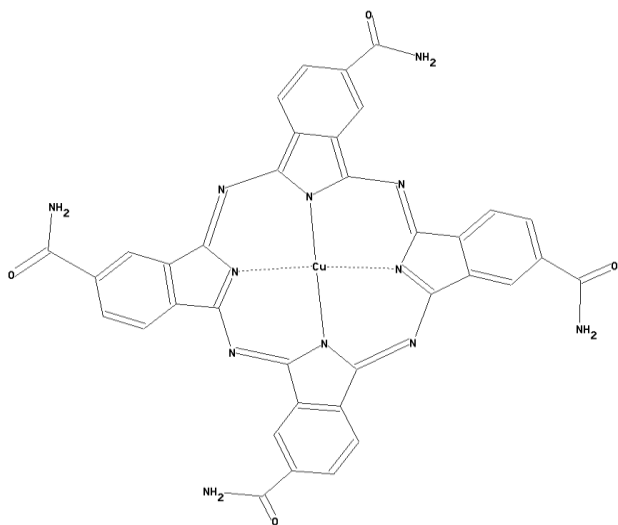
Preparation from other phthalocyanine compounds, phthalocyanine compounds containing amide radicals, directly bound to the phthalocyanine skeleton as illustrated by the example below.



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**Insert (new):**

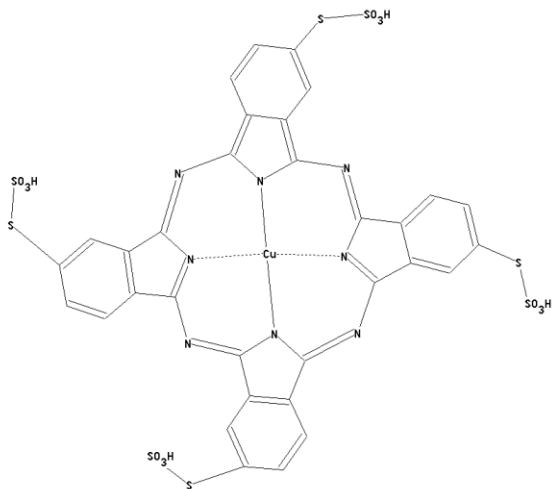
**C09B 47/28**

**Phthalocyanine dyes containing -S-SO<sub>3</sub>H radicals**

**Definition statement**

*This subgroup covers:*

Phthalocyanine dyes containing -S-SO<sub>3</sub>H radicals as illustrated by the example below.



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**Insert (new):**

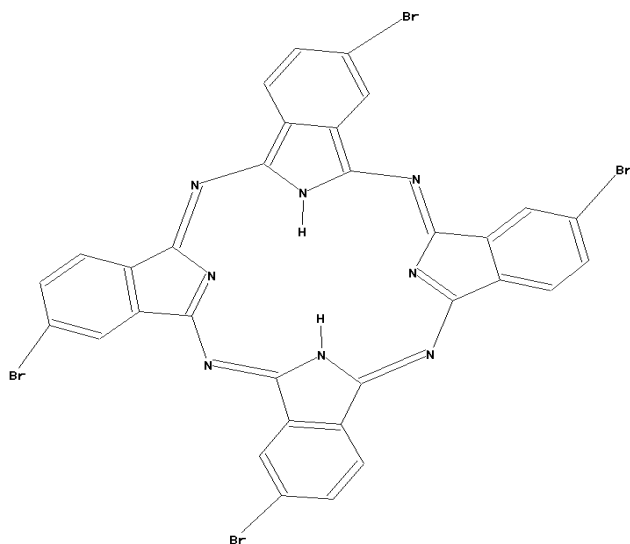
## **C09B 47/30**

**Metal-free phthalocyanines**

### **Definition statement**

*This subgroup covers:*

Metal-free phthalocyanines as illustrated by the example below.



**Insert (new):**

## **C09B 47/32**

**Cationic phthalocyanine dyes**

### **Definition statement**

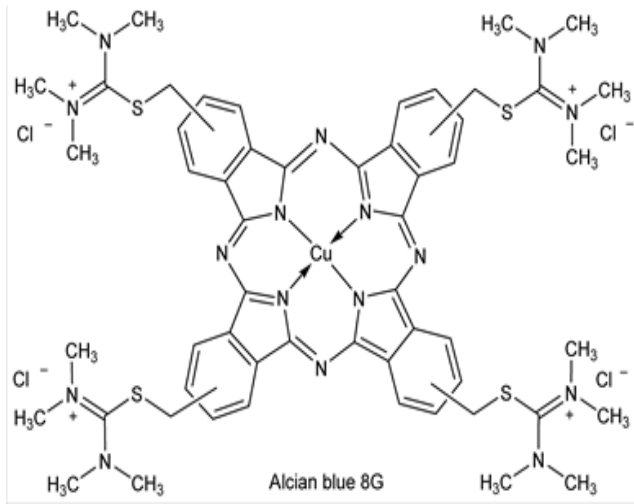
*This subgroup covers:*

Cationic phthalocyanine dyes as illustrated by the example below.

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2. B. DEFINITIONS QUICK FIX

<b><u>Symbol</u></b>	<b><u>Location of change</u></b> (e.g., section title)	<b><u>Existing reference symbol or text</u></b>	<b><u>Action; New symbol; New text</u></b>
C09B 47/00	After the first paragraph of the "Special rules of classification within this group" section	"Further details of subgroups:" through to the end of the definition for 47/00 and prior to the start of 48/00	Delete all

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.