

WIPO



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WORLD INTELLECTUAL PROPERTY ORGANIZATION
 GENEVA

SPECIAL UNION FOR THE INTERNATIONAL PATENT CLASSIFICATION
 (IPC UNION)

COMMITTEE OF EXPERTS

Twenty-Ninth Session
 Geneva, March 13 to 17, 2000

REQUESTS FOR REVISION OF THE
 INTERNATIONAL PATENT CLASSIFICATION (IPC)

Document prepared by the International Bureau

1. This document contains IPC revision requests received by the International Bureau, as indicated below:

<u>Annex</u>	<u>Subclass</u>	<u>Requesting Office</u>
1	C 40 B	GB
2	H 01 L	DE

2. *The Committee of Experts is invited to consider the revision requests contained in Annexes 1 and 2 to this document for inclusion in the IPC revision program.*

[Annexes follow]

ANNEX I

REQUEST FOR REVISION OF THE IPC

Class(es) or subclass(es):C40B

Demarcation of the area to be revised:

Combinatorial Chemistry

2. Reasons for the request

Comments explaining (b) and (c)

(a) X-notation(s)

(Category A)

(b) Clarification of wordings

(Category B)

(c) Other reasons

High activity for subject matter that cannot be classified in present IPC

(acceptance depending on file size and file growth of PCT minimum documentation; or on sufficiently persuasive reasons)
(Category C)

3. For reasons under 2(c):

(a) File size (country of origin, number of documents) N/A

(b) Rate of growth (country of origin, number of documents) N/A

(c) Activity (Searches per year) N/A

4. Detailed proposal:

Submitted herewith

We are prepared to

elaborate a detailed proposal

We are not in a

position to elaborate a detailed proposal

5. General outline, possible solutions, options etc.:

Originating Office: GB

Date: December 20th 1999

Name: Jim Calvert

EXCERPT FROM DOCUMENT IPC/WG/2/3

“11. The Working Group also considered a discussion paper, submitted by the EPO, which outlined problems in using the new subclass A 61 P covering therapeutic activity and in classifying patent documents relating to combinatorial chemistry.

“13. In respect of combinatorial chemistry, the Working Group noted that it represented an emerging complex technology for which no appropriate place existed in the IPC. The Working Group was informed that the United Kingdom Patent Office and the United States Patent and Trademark Office had elaborated classification schemes covering combinatorial chemistry in their national patent classifications. The Working Group agreed that elaboration of a relevant classification scheme for the next edition of the IPC was of utmost importance. In this regard, it was noted that the United Kingdom intended to submit, in the near future, a revision request concerning combinatorial chemistry. It was agreed that submission of a detailed revision proposal could be postponed to a later time when an experience in using the already elaborated classification schemes could be estimated. The Working Group noted that, for assistance in developing an IPC classification scheme for combinatorial chemistry, the United States of America and the EPO would provide examples of respective patent documents.”

[Annex II follows]

ANNEX II

REQUEST FOR REVISION OF THE IPC

Class(es) or subclass(es): **H01L**

1. Demarcation of the area to be revised:

H01L 51/00 - 51/40

2. Reasons for the request (see document IPC/CE/28/5, paragraph 27):

Organic light emitting diodes or devices (OLED) are a new and heavily growing technical field. The present IPC gives no clear entry for this subject matter. The documents are now classified in H01L 33/00, H01L 51/00 or H05B 33/00.

3. Detailed proposal:

Submitted
herewith

We are prepared to
elaborate it

We are not in a position
to elaborate it

4. General outline, possible solutions, options, etc.:

DE propose to define H01L 51/00 as correct entry for organic light emitting diodes or devices (OLED). The improved wording of H01L 51/00 is an adaption to the new subject matter. For the technical background we refer to the enclosed copy of "IEEE Journal of Selected Topics in Quantum Electronics, Vol. 4 (1998), p.1 ff".

Proposing Office: German Patent and Trademark Office

Date: 03.11.1999

Signature: Anders

Deutsches Patent- und Markenamt German Patent and Trademark Office	Class/Subcl.: H01L
	Date : 03.11.1999
DE -Provisional Proposal— C	

Re: C. IPC 19/01
IPC revision program for the seventh revision period

H01L

- C 21/00 - - - groups 31/00 to 51/00 or of parts - - -
- C 21/02 - - - parts thereof
- C 23/00 Note - - - groups 31/00 to 51/00, which - - -
- C 27/00 - - - substrate (51/00 takes precedence; processes - - -
- C 33/00 - - - thereof (51/00 takes precedence; couplings - - -
- C 49/00 - - - to 47/00 and 51/00 and not provided - - -
- C 51/00 - - - oscillating, switching or light emitting, or capacitors or - - -potential-jump barrier, surface barrier or recombination area, using organic - - -
- N 51/12 . . . of light emitting devices, eg electrodes
- N 51/22 . . . adapted for light emission, eg organic light emitting diodes [OLED] or polymer light emitting devices [PLED] (materials with organic electroluminescence C09K 11/00; organic semiconductor lasers H01S 5/36
- N 51/24 . . . for displays; eg organic flat-panel displays

H01S

- N 5/36 . . . Organic semiconductor lasers (dye lasers 3/213)

H05B

- C 33/00 - - - H01L 33/00; organic light emitting devices H01L 51/22; lasers H01S 3/00 and 5/00; compositons - - -

Concerning our new revision request on "organic electroluminescence", dated Nov. 5th, 1999, we add the following example documents:

- H01L 51/12 EP 914 025;
- H01L 51/22 US 5 858 561, US 4 539 507;
- H01L 51/24 WO 99/12398;
- H01S 5/36 WO 99/35721.