

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1333

DATE: AUGUST 1, 2022

PROJECT DP11663

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
DEFINITIONS:		
Definitions New:	H02S	20/30, 40/38, 99/00
Definitions Modified:	H02S	Subclass, 10/40, 20/00, 20/10, 20/20, 20/23, 30/10, 30/20, 40/34

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)

DATE: AUGUST 1, 2022

PROJECT DP11663

2. A. DEFINITIONS (new)

Insert: The following new Definitions.

H02S 20/30

Definition statement

This place covers:

Movable structures to make a photovoltaic module mobile, e.g. solar PV modules integrated in an automobile.

Adjustable structures to adjust the position of the photovoltaic module, e.g. for angle adjustment.

References

Informative references

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

Roof tile elements	H02S 20/25
Floating supporting structures	H02S 20/00

DATE: AUGUST 1, 2022

PROJECT DP11663

H02S 40/38

Definition statement

This place covers:

Energy storage means which are mechanically connected PV modules or specially adapted to integrate with the PV modules. Electrical connection between batteries and photovoltaic modules are not classified in this subgroup, as well as batteries not being part of the photovoltaic module itself.

References

Informative references

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

Battery charging utilising light sensitive cells	H02J 7/35
--------------------------------------------------	---------------------------

H02S 99/00

Definition statement

This place covers:

This group is to be used only in rare situations where the subject matter is appropriate for H02S but does not clearly belong in any of the above main groups.

2. A. DEFINITIONS (modified)

H02S

Insert: The following new Special rules of classification section.

Special Rules of Classification:

In this subclass, the classification symbols are to be only indicated as Inventive (I).

H02S 10/40

Definition statement

Replace: The existing Definition statement text with the following updated text. Leave the image as it is.

This place covers:

PV generator systems being movable or displaceable to provide power to devices external to the generator.

H02S 20/00

Definition statement

Replace: The existing Definition statement text with the following updated text. Leave the image as it is.

This place covers:

- Mechanical structures for supporting one or a plurality of PV modules.
- Floating structures for supporting one or a plurality of PV modules.

DATE: AUGUST 1, 2022

PROJECT DP11663

H02S 20/10

Insert: The following new Definition statement.

Definition statement

This place covers:

Supporting structures directly fixed to the ground, where there is no element between the photovoltaic module supporting structure and the ground. The supporting structure does not have any further function other than supporting the photovoltaic module, e.g. a street lamp with a photovoltaic module is an immovable object which should be classified in H02S 20/20.

H02S 20/20

Insert: The following new Definition statement.

Definition statement

This place covers:

Supporting structures directly fixed to an immovable object, e.g. a street lamp or a parking device having a photovoltaic module.

DATE: AUGUST 1, 2022

PROJECT DP11663

H02S 20/23

Definition statement

Insert: The following new bullet statement as the last line of the Definition statement.

- Solar PV modules integrated with Carports.

Insert: The following new Informative references section.

Informative references

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

Roof covering aspects of energy collecting devices, e.g. including solar panels	F24S 20/67
---------------------------------------------------------------------------------	------------

H02S 30/10

Definition statement

Replace: The existing Definition statement text with the following updated text.

This place covers:

Frames or parts of frames specially adapted for PV modules, where the frame is not part of a housing or supporting structure. The frames covered by this subgroup are a result of the PV module manufacturing process and surround the laminate layers of the module.

DATE: AUGUST 1, 2022

PROJECT DP11663

H02S 30/20

Definition statement

Replace: The existing Definition statement text with the following updated text. Leave the image as it is.

This place covers:

PV modules specially adapted for being collapsible, rollable, or foldable, e.g. for jalousies, umbrellas, handbags.

H02S 40/34

Definition statement

Replace: The existing Definition statement text with the following updated text.

This place covers:

- Junction boxes associated with and connected with the PV module, e.g. one box per module for electrical connection, or comprising bypass diodes.