

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1910

DATE: AUGUST 1, 2026

PROJECT DP12941

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>DEFINITIONS:</b>		
Definitions New:	H02J	1/002, 1/12
	H02J	3/008
	H02J	4/10
	H02J	13/14, 13/181, 13/182, 13/183
	H02J	15/50
	H02J	2105/30
Definitions Modified:	H02J	SUBCLASS
	H02J	1/00, 1/10, 1/14
	H02J	13/00
	H02J	15/00

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)

## 2. A. DEFINITIONS (new)

### H02J1/002

#### References

##### *Informative references*

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

Conversion of DC power input into DC power output with intermediate conversion into AC	<a href="#">H02M3/22</a>
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### H02J1/12

#### Definition statement

*This place covers:*

Connecting DC sources directly in parallel with a power converter associated with another source, e.g. fuel cells connected to the output of a switching converter regulating the output of a solar array.

### H02J3/008

#### Definition statement

*This place covers:*

Distribution technologies that respond to energy trading at network level.

Controlling the flow of energy between AC networks, or from end-users to AC networks on a trading basis.

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## References

### *Informative references*

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

Information and communication technology [ICT] specially adapted for administrative, commercial, financial, managerial or supervisory purpose	<a href="#">G06Q</a>
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## H02J4/10

### References

### *Informative references*

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

Circuit arrangements for DC mains or DC distribution networks	<a href="#">H02J1/00</a>
Circuit arrangements for AC mains or AC distribution networks	<a href="#">H02J3/00</a>

## H02J13/14

### Definition statement

*This place covers:*

Remote operation of power networks including a control stage at the local level, cooperating or interacting with the remote control station.

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## H02J13/181

### References

#### *Informative references*

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

Parallel operation of DC sources	<a href="#">H02J 1/10</a>
Arrangements for feeding a single network from two or more generators or sources in parallel; Arrangements for feeding already energised networks from additional generators or sources in parallel	<a href="#">H02J 3/38</a>

## H02J13/182

### References

#### *Informative references*

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

Balancing load and power generation in DC networks	<a href="#">H02J1/14</a>
Demand-responsive operation of AC power transmission or distribution networks	<a href="#">H02J3/17</a>

## H02J13/183

### References

#### *Informative references*

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

Balancing load and power generation in DC networks using energy storage units	<a href="#">H02J1/16</a>
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Arrangements for balancing of the load in networks by storage of energy	<a href="#">H02J3/28</a>
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## **H02J15/50**

### **Definition statement**

*This place covers:*

Using stored hydrogen to store electric energy for power networks.

## **H02J2105/30**

### **References**

#### ***Informative references***

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

Arrangements for supplying energy stored within a vehicle to a power network, i.e. vehicle-to-grid [V2G] arrangements	<a href="#">B60L55/00</a>
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## 2. A. DEFINITIONS (modified)

### H02J

#### References

#### *Application-oriented references*

Replace: The existing Application-oriented references table with the following updated table.

Electrical networks for vessels	B63J
Electrical networks for aircrafts	B64D
Ground or aircraft-carrier-deck installations for supplying electrical power to stationary aircraft	B64F1/35
Power supply circuits for apparatus for measuring radiation intensity	G01T1/175
Electric power supply circuits specially adapted for use in electronic time-pieces with no moving parts	G04G19/00
Power supply means for digital computers	G06F1/26
Components associated with high voltage supply for discharge tubes	H01J37/248

#### *Informative references*

Replace: The existing Informative references table with the following updated table.

Steam turbines	F01K
Gas turbines	F02C
Wind power generation	F03D
Fuel cells	H01M8/00
Boards, substations or switching arrangements	H02B
Electric protections	H02H
Circuits or apparatus for the conversion of electric power, arrangements for control or regulation of such circuits or apparatus	H02M

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Control or regulation of electric motors, electric generators or dynamo-electric converters	H02P
Solar power generation	H02S
Control of high-frequency power	H03L
Additional use of power line or power network for transmission of information	H04B
Individual photovoltaic cells	H10F10/00
Integrated devices, or assemblies of multiple devices, comprising at least one photovoltaic cell covered by group H10F10/00, e.g. photovoltaic modules	H10F19/00

**Special rules of classification**

Replace: The existing Special rules text with the following updated text.

Claimed devices, systems and methods always have to be classified. If there is additional information disclosed, then indexing codes for the additional information must be allocated.

**Glossary of terms**

Replace: The existing Glossary of terms table with the following updated table.

arrangement	device, system or method
wireless energy transfer	non-conductive energy transfer, even if conductors can be used for implementing the separated sending and receiving units

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**H02J1/00****References*****Application-oriented references***

Insert: The word “digital” before “computers” in the fourth row of the existing Application-oriented references table, so that the updated row appears as follows.

Power supply, e.g. DC power supply, for digital computers	<a href="#">G06F1/26</a>
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***Informative references***

Replace: The existing Informative references table with the following updated table.

Load protection by tripping of the load for DC systems	<a href="#">H02H</a>
Conversion of DC power input into DC power output	<a href="#">H02M3/00</a>
Conversion of AC power input into DC power output; Conversion of DC power input into AC power output	<a href="#">H02M7/00</a>

**H02J1/10****References*****Application-oriented references***

Replace: The existing Application-oriented references table with the following updated table.

Parallel operation in networks using both storage and other DC sources, e.g. providing buffering	<a href="#">H02J7/34</a>
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## H02J1/14

### Definition statement

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

Balancing loads with respect to the power generation possibilities.

Balancing the power generation to match the needs of the loads.

Delete: The entire Relationships section.

Delete: The entire Application-oriented references section.

## H02J13/00

### Definition statement

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

Circuit arrangements for providing remote indication of network conditions, e.g. an instantaneous record of the open or closed condition of each circuit breaker in the network.

Circuit arrangements for providing remote control of switching means in a power distribution network, e.g. switching in and out of current consumers or network sections by using a pulse code signal carried by transmission of information in the network.

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## **H02J15/00**

Insert: The following new Relationships section.

### **Relationships with other classification places**

Classes **F01** - **F04**: Systems for storing electric energy in mechanical form.

Subclass **H01M**: Systems for storing electric energy in chemical form.

### **References**

Delete: The entire Limiting references section.

### **Informative references**

Replace: The text of the following two rows of the existing Informative references table with the following updated text.

Balancing the load in a network by storage of energy	<a href="#">H02J3/28</a>
Hydrogen production by electrolysis of water	<a href="#">C25B1/04</a>