



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 77 84 02

Classification of the application (IPC):
H02S 30/10

Technical fields searched (IPC):
H01L, H02S

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2013019857 A1 (LI SZU-HAN [TW] ET AL) 24 January 2013 (2013-01-24) * abstract * * paragraphs [0013] - [0021] * * figures 1-5 *	1-10
A	EP 0188096 A2 (STANDARD OIL CO OHIO [US]) 23 July 1986 (1986-07-23) * abstract * * column 6, line 38 - column 7, line 52 * * figures 1,2 *	1-10
A	JP H09148612 A (SHARP KK) 06 June 1997 (1997-06-06) * abstract * * paragraphs [0028] - [0050] * * figures 1-9 *	1-10

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Berlin	Date of completion of the search 16 November 2020	Examiner Ekoué, Adamah
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CATEGORY OF CITED DOCUMENTS

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| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
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| O: non-written disclosure | D: document cited in the application |
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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-10

Conductive frame with at least a conductive cross rail member that provides structural rigidity to the conductive frame, the conductive frame being coupled to at least one coupler.

2. claims: 11-16

Photovoltaic module comprising a photovoltaic laminate encapsulating a plurality of solar cells and mounted on a frame, wherein the frame comprises a non-conductive cross rail assembly extending from a first member of the frame to a second member of the frame, with a cabling gap being defined by the non-conductive cross rail assembly, the first or second member of the frame, and the back side of the photovoltaic laminate.

None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims: 1-10

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Berlin	Date of completion of the search 16 November 2020	Examiner Ekoué, Adamah
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 77 84 02

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 16-11-2020
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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