

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2013/066998 A1 (TENKSOLAR INC [US]) 10 May 2013 (2013-05-10) * page 25, lines 14-24; figures 1,7,8 * * page 5, lines 6-23 * * page 26, lines 14-24 * * page 6, lines 16-17 * * page 7, lines 3-13 *	1-11	INV. H02S40/32
X	US 2010/283325 A1 (MARCIANESI ANDREA [IT] ET AL) 11 November 2010 (2010-11-11) * paragraphs [0010], [0036], [0049]; figures 2,3 *	2	
A	WO 2009/073867 A1 (SOLAREEDGE LTD [IL]; ADEST MEIR [IL]; SELLA GUY [IL]; HANDELSMAN LIOR [IL]) 11 June 2009 (2009-06-11) * figures 3,4 *	1,2	
X	WO 2011/019936 A1 (NEWDOLL ENTPR LLC [US]; NEWDOLL RONALD M [US]; SHAVER ARGIL E [US]) 17 February 2011 (2011-02-17) * figures 1,6,14,44 *	2	TECHNICAL FIELDS SEARCHED (IPC)
A		1	H01L H02J H02S H02M
X	CN 102 611 144 A (EAGLERISE ELECTRIC & ELECTRONIC CO LTD) 25 July 2012 (2012-07-25) * figure 1 *	1,2	
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 22 March 2017	Examiner Roy, Christophe
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

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:

see sheet B

- All further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part 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 inventions in respect of which search fees have been paid, namely claims:
- 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, 3-11(completely); 2(partially)

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, 3-11(completely); 2(partially)

Photovoltaic system with inverter redundancy and DC bus
voltage limitation in case of inverter failure

2. claims: 12(completely); 2(partially)

Photovoltaic system with alternative mechanical arrangement
of the inverters

3. claims: 13(completely); 2(partially)

Photovoltaic system with inverter temperature control

4. claims: 14, 15(completely); 2(partially)

Photovoltaic system feeding separate AC circuits

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 83 8225

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-03-2017

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