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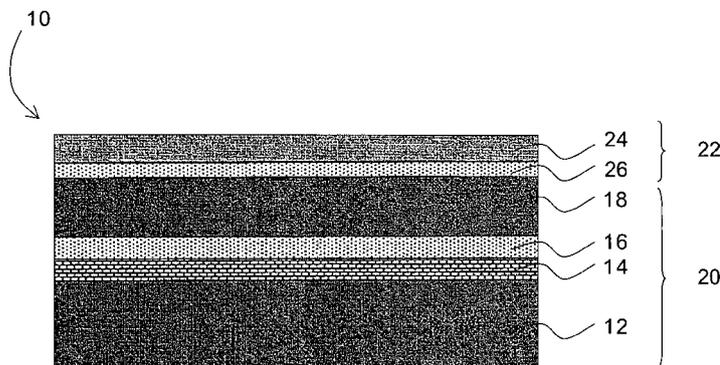


Fig. 1

(57) Abstract: The invention concerns a photovoltaic device on a metal carrier substrate, and a method of manufacturing this photovoltaic device, or an intermediate product, according to the invention. The manufacturing process comprises the steps of: • providing a metal carrier substrate (12), • providing an electrically insulating layer (14) having barrier properties on said metal carrier substrate (12), • providing a first electrically conductive layer (16) on the electrically insulating layer (14), wherein possibly the electrically insulating layer (14) and the first electrically conductive layer (16) comprise a high temperature resistant material. • providing a photovoltaic layer (18) comprising a semi conductive material on the electrically conductive layer (16) • providing a transparent second conductive layer (26) on the photovoltaic layer (18).



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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2005/274412 A1 (KANG MAN G [KR] ET AL) 15 December 2005 (2005-12-15) abstract; figures 1,2 paragraph [0029] - paragraph [0040]	1,9,12
A	WO 2008/023848 A (TOYO SEIKAN KAISHA LTD [JP]; YAMAMOTO NAOTSUGU [JP]; SATO KAZUHIRO [JP]) 28 February 2008 (2008-02-28) abstract; figure 1	1,9,12

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ITO S ET AL: "High-efficiency (7.2%) flexible dye-sensitized solar cells with Ti-metal substrate for nanocrystalline-TiO₂ photoanode" CHEMICAL COMMUNICATIONS - CHEMCOM, ROYAL SOCIETY OF CHEMISTRY, GB, 14 August 2006 (2006-08-14), pages 4004-4006, XP002507808 ISSN: 1359-7345 [retrieved on 2006-08-14] the whole document</p>	1,9,12
A	<p>US 2006/289056 A1 (GONDO ICHIRO [JP] ET AL) 28 December 2006 (2006-12-28) abstract; figures 1-3 paragraph [0002] - paragraph [0006]</p>	1,9,12
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