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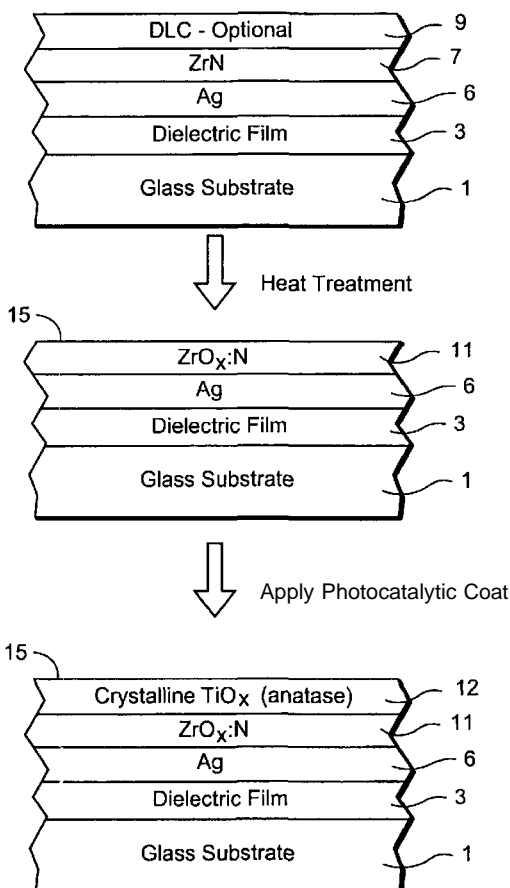
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[Continued on next page]

(54) **Title:** PHOTOCATALYTIC WINDOW AND METHOD OF MAKING SAME



(57) **Abstract:** Certain example embodiments of this invention relate to a photo catalytic coated article and a method of making the same. In certain example embodiments, a coated article includes a zirconium nitride and/or oxide inclusive layer before heat treatment (HT). The coated article is heat treated so that following heat treatment (e.g., thermal tempering) a zirconium oxide based layer is provided. A photocatalytic layer (e.g., of an oxide of titanium) maybe formed over zirconium oxide based layer following heat treatment.

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A. CLASSIFICATION OF SUBJECT MATTER
INV. C03C17/34 C03C17/36

According to International Patent Classification (IPC) onto both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C03C

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

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X	EP 1 640 149 A (NIPPON SHEET GLASS CO LTD [JP]) 29 March 2006 (2006-03-29)	24,25 ,27
Y	paragraphs [0016], [0017], [0034]; figure 1	1-23, 26

X	EP 1 637 225 A (NIPPON SHEET GLASS CO LTD [JP]) 22 March 2006 (2006-03-22)	24,27
Y	paragraphs [0008] - [0010], [0019], [0020], [0024], [0029]; figure 1; example 3	1-23, 26

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Y	column 4 , lines 38-53 column 9 , line 26 - column 10, line 29 figures 11-14; examples	1-23, 26

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Further documents are listed in the continuation of Box C See patent family annex

* Special categories of cited documents

<p>'A' document defining the general state of the art which is not considered to be of particular relevance</p> <p>'E' earlier document but published on or after the international filing date</p> <p>'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>'O' document referring to an oral disclosure, use, exhibition or other means</p> <p>'P' document published prior to the international filing date but later than the priority date claimed</p>	<p>'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>'X*' document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>'Y' document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents such combination being obvious to a person skilled in the art</p> <p>'&' document member of the same patent family</p>
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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA/ European Patent Office, P B 5818 Patentlaan 2 NL - 2280 HV RIJSWIJK Tel (+31-70) 340-2040, Tx 31 651 epo nl, Fax (+31-70) 340-3016	Authorized officer Wrba, Jürgen
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