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(54) Mirror and method of making the same

(57) A mirror comprising a reflective mirror substrate having a front surface which is intended to be viewed in use and a rear surface, and heating means including a

layer or layers of electrically conductive and/or resistive materials applied directly to the rear surface of the substrate.

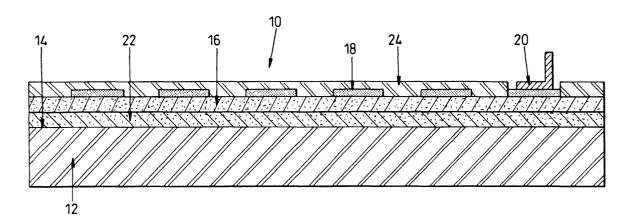


Fig. 1



PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent Convention EP 99 30 8760 shall be considered, for the purposes of subsequent proceedings, as the European search report

	DOCUMENTS CONSID	ERED TO BE RELEVANT		
Category	Citation of document with ir of relevant passa	idication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	30 July 1998 (1998- * column 1, line 39 * column 2, line 15 * column 2, line 39 * column 3, line 4 * column 4, line 38	- column 2, line 8 * - line 18 * - line 41 * - line 52 *	1-8, 10-22	Н05В3/84
A	EP 0 677 434 A (PEN 18 October 1995 (19 * page 3, line 3 - * page 3, line 21 - * page 6, line 5 - * page 11, line 38 * page 12, line 3 -	95-10-18) line 7 * line 25 * line 30 *	1-4,7,8, 10-13 14-22	
X	EP 0 496 485 A (BRI 29 July 1992 (1992- * claim 1 *	TAX GECO SA) 07-29) 	1,4,12,	TECHNICAL FIELDS SEARCHED (Int.CI.7) H05B B60R
The Searn not complete carried Claims search Claims search Claims not Reason for Reason for the Search Claims not the Search Claims not the Search Search Claims not the Search S		application, or one or more of its claims, does a meaningful search into the state of the art o ly, for these claims.		
X : parl	Place of search THE HAGUE ATEGORY OF CITED DOCUMENTS ioularly relevant if taken alone	Date of completion of the search 28 April 2000 T: theory or princip E: earlier patent do after the filling da D: document ofted	le underlying the i cument, but publis te	Examiner tanheira Nunes, F nvention shed on, or
doci A : tech O : nor	icularly relevant if combined with anot ument of the same category nnological background n-written disclosure rmediate document	L : document cited t	or other reasons	, corresponding



INCOMPLETE SEARCH SHEET C

Application Number EP 99 30 8760

Claim(s) searched completely:
1-8, 10-13, 15-22

Claim(s) searched incompletely:
14

Claim(s) not searched:
9

Reason for the limitation of the search:

Claim 9 concerns a heated mirror having the heating layer applied directly to the mirror (for a quicker, more efficient heating) and at the same time having an insulating layer between the mirror and the heating layer, an inconsistency making it not possible to carry out a meaningful search.

Claim 14 describes a method of making a heated mirror, consisting in applying the heating layer directly to the surface of the mirror and applying an insulating layer before applying the heating layer to the mirror - thus a contradiction/inconsistency in itself- two procedures in the same method that are mutually exclusive. The method searched was the one consisting of applying the heating layer directly to the mirror.



PARTIAL EUROPEAN SEARCH REPORT

Application Number EP 99 30 8760

	DOCUMENTS CONSIDERED TO BE RELEVANT	CLASSIFICATION OF THE APPLICATION (Int.CI.7)	
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	(
X	US 5 821 501 A (ZORN HEINZ) 13 October 1998 (1998-10-13) * column 2, line 31 - line 51 * * column 3, line 31 - line 45; figures 1,2	1,14	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
:			

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

EP 99 30 8760

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.

28-04-2000

	atent document d in search repo	rt	Publication date	F	atent family member(s)	Publication date
DE	19702448	Α	30-07-1998	NONE		
EP	0677434	Α	18-10-1995	JР	7156758 A	20-06-19
				JP	7223514 A	22-08-19
				JP	7257328 A	09-10-19
				JР	7277151 A	24-10-19
				JP	7277152 A	24-10-19
				JP	8053050 A	27-02-19
				JP	8058534 A	05-03-19
				JP	8080817 A	26-03-19
				US	5990449 A	23-11-19
				W0	9512508 A	11-05-19
EP	0496485	Α	29-07-1992	ĄŲ	1021292 A	23-07-19
				JP 	4303587 A	27-10-19
US	5821501	Α	13-10-1998	CA	2170338 A	27-08-19

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

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