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(21) International Application Number: PCT/GB87/00195 (22) International Filing Date: 19 March 1987 (19.03.87) (31) Priority Application Number: 8606838 (32) Priority Date: 19 March 1986 (19.03.86) (33) Priority Country: GB (71) Applicant (for all designated States except US): COMBINED OPTICAL INDUSTRIES LIMITED [GB/GB]; 200 Bath Road, Slough, Berkshire SL1 4DW (GB). (72) Inventor; and (75) Inventor/Applicant (for US only) : PASCO, Ian, Kenneth [GB/GB]; The Nook, Cocks Lane, Warfield, Bracknell, Berkshire RG12 6JE (GB). (74) Agents: SPENCER, Graham, Easdale et al.; A.A. Thornton & Co., Northumberland House, 303-306 High Holborn, London WC1V 7LE (GB).		(81) Designated States: AT (European patent), BE (European patent), CH (European patent), DE (European patent), FR (European patent), GB (European patent), IT (European patent), JP, LU (European patent), NL (European patent), SE (European patent), US. Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 5 November 1987 (05.11.87)
(54) Title: LENS		
(57) Abstract A lens or lens system for use in reading optical data has as one component a pickup lens having finite or infinite conjugates. The pickup lens is biaspheric where the surfaces may have spherical, paraboloidal or general conic base curves and higher order correction terms up to 30th order when required. Various methods of making such a lens of plastics material are also disclosed.		

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INTERNATIONAL SEARCH REPORT

International Application No. **PCT/GB 87/00195**

I. CLASSIFICATION OF SUBJECT MATTER (If several classification symbols apply, indicate all) ⁴ According to International Patent Classification (IPC) or to both National Classification and IPC IPC ⁴ : G 02 B 3/04; G 02 B 13/24; G 11 B 7/00																				
II. FIELDS SEARCHED Minimum Documentation Searched ⁷ <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%; border-bottom: 1px solid black;">Classification System</th> <th style="border-bottom: 1px solid black;">Classification Symbols</th> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">IPC ⁴</td> <td style="padding: 5px;">G 02 B 3; B 29 D 11/00; B 22 C 9/06</td> </tr> </table> Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸			Classification System	Classification Symbols	IPC ⁴	G 02 B 3; B 29 D 11/00; B 22 C 9/06														
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IV. CERTIFICATION <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; padding: 5px;">Date of the Actual Completion of the International Search 14th September 1987</td> <td style="width: 50%; border-bottom: 1px solid black; padding: 5px;">Date of Mailing of this International Search Report - 6 OCT 1987</td> </tr> <tr> <td style="border-bottom: 1px solid black; padding: 5px;">International Searching Authority EUROPEAN PATENT OFFICE</td> <td style="border-bottom: 1px solid black; padding: 5px;">Signature of Authorized Officer L. ROSSI </td> </tr> </table>			Date of the Actual Completion of the International Search 14th September 1987	Date of Mailing of this International Search Report - 6 OCT 1987	International Searching Authority EUROPEAN PATENT OFFICE	Signature of Authorized Officer L. ROSSI														
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ANNEX TO THE INTERNATIONAL SEARCH REPORT ON

INTERNATIONAL APPLICATION NO. PCT/GB 87/00195 (SA 16594)

This Annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The members are as contained in the European Patent Office EDP file on 23/09/87

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP-A- 0011331	28/05/80	GB-A, B 2034686 US-A- 4327606	11/06/80 04/05/82
GB-A- 2088273	09/06/82	None	

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