



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁵ : C08L 1/14, 67/02, 67/4 C08J 5/18, C08G 63/16</p>	<p>A3</p>	<p>(11) International Publication Number: WO 92/09654 (43) International Publication Date: 11 June 1992 (11.06.92)</p>								
<p>(21) International Application Number: PCT/US91/08827 (22) International Filing Date: 26 November 1991 (26.11.91)</p> <p>(30) Priority data:</p> <table border="0"> <tr> <td>620,225</td> <td>30 November 1990 (30.11.90)</td> <td>US</td> </tr> <tr> <td>736,262</td> <td>23 July 1991 (23.07.91)</td> <td>US</td> </tr> <tr> <td>797,512</td> <td>21 November 1991 (21.11.91)</td> <td>US</td> </tr> </table> <p>(71) Applicant: EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650 (US).</p> <p>(72) Inventors: BUCHANAN, Charles, Michel ; P.O. Box 460, Bluff City, TN 37618 (US). GARDNER, Robert, Marshall ; 265 Possum Hollow Road, Gray, TN 37615 (US). WOOD, Matthew, Davie ; 821 Colonial Heights Road, Kingsport, TN 37663 (US). WHITE, Alan, Wayne ; 228 Montsweag Court, Kingsport, TN 37664 (US). GEDON, Steven, Carl ; 901 Bradbury Drive, Kingsport, TN 37660 (US). BARLOW, Fred, Dewey, Jr. ; 5337 Heritage Lane, Route 8, Kingsport, TN 37664 (US).</p>	620,225	30 November 1990 (30.11.90)	US	736,262	23 July 1991 (23.07.91)	US	797,512	21 November 1991 (21.11.91)	US	<p>(74) Agent: DEATON, Betty, J.; 343 State Street, Rochester, NY 14650-2201 (US).</p> <p>(81) Designated States: AT (European patent), AU, BE (European patent), BR, CA, CH (European patent), DE (European patent), DK (European patent), ES (European patent), FI, FR (European patent), GB (European patent), GR (European patent), IT (European patent), JP, KR, LU (European patent), NL (European patent), NO, SE (European patent).</p> <p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 1 October 1992 (01.10.92)</p>
620,225	30 November 1990 (30.11.90)	US								
736,262	23 July 1991 (23.07.91)	US								
797,512	21 November 1991 (21.11.91)	US								
<p>(54) Title: ALIPHATIC-AROMATIC COPOLYESTERS AND CELLULOSE ESTER/POLYMER BLENDS</p>										
<p>(57) Abstract</p> <p>This invention relates to binary blends of cellulose esters and aliphatic-aromatic copolyesters, cellulose esters and aliphatic polyesters as well as ternary blends of cellulose esters and/or aliphatic polyesters and/or aliphatic-aromatic copolyesters and/or polymeric compounds as well as fibers, molded objects, and films prepared therefrom.</p>										

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 91/0882

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) ¹		
According to International Patent Classification (IPC) or to both National Classification and IPC		
IPC ⁵ : C 08 L 1/14, C 08 L 67/02, C 08 L 67/04, C 08 J 5/18, C 08 G 63/16		
II. FIELDS SEARCHED		
Minimum Documentation Searched ²		
Classification System	Classification Symbols	
IPC ⁵	C 08 L 1/00, C 08 L 67/00, C 08 J	
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ³		
WPI(L)		
III. DOCUMENTS CONSIDERED TO BE RELEVANT⁴		
Category ⁵	Citation of Document, ⁶ with indication, where appropriate, of the relevant passages ⁷	Relevant to Claim No. ⁸
X	US, A, 4 533 397 (WINGLER et al.) 06 August 1985 (06.08.85), see claims 1,7,8; column 10, lines 1-3,9-20 and table 1; column 4, lines 10-13.	15-29, 88
A	EP, A1, 0 394 803 (BATTELLE-INSTITUT e.V. AND AETERNA-LICHTE GMBH & CO KG) 31 October 1990 (31.10.90), see claims 1-3; example 5; column 2, lines 26-30.	15
A	US, A, 3 781 381 (J.V. KOLESKE et al.) 25 December 1973 (25.12.73), see examples 7,11,13,14; column 8, lines 42-54.	15-20, 23,24, 29
A	EP, A1, 0 387 167 (EASTMAN KODAK COMPANY)	1,15, 77,88
<p>⁹ Special categories of cited documents: ¹⁰</p> <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</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>"Z" document member of the same patent family</p>		
IV. CERTIFICATION		
Date of the Actual Completion of the International Search	Date of Mailing of this International Search Report	
05 August 1992	04. 09. 92	
International Searching Authority	Signature of Authorized Officer	
EUROPEAN PATENT OFFICE	KALTENEGGER e.h.	

III. DOCUMENTS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET)		
Category *	Citation of Document, ** with indication, where appropriate, of the relevant passages	Relevant to Claim No.
	12 September 1990 (12.09.90), see claims 1-4; example 1; page 3, lines 31-35. ---	
X	FR, A, 1 045 649 (E.I. DU PONT DE NEMOURS) 30 November 1953 (30.11.53), see claims; examples 1-3,4,6, 12-14. ---	60,78, 81,89
X	GB, A, 1 515 727 (DYNAMIT NOBEL AKTIENGESELLSCHAFT) 28 June 1978 (28.06.78), see table 1, entries 9,10,12; table 2, page 6, third entry from bottom and page 7, entry 8. ---	60-62, 65,69, 84
X	US, A, 4 419 507 06 December 1983 (06.12.83), see table II, example D ---	60-63, 66
X	US, A, 4 328 059 (HORLBECK et al.) 04 May 1982 (04.05.82), see claim 1; column 2, lines 19-22,34,35. ---	60,61, 65,69
X	Us, A, 4 436 895 (BARBEE et al.) 13 March 1984 (13.03.84), see claims 1-4,6-11; table II, last entry. ---	60,89
A	US, A, 4 401 805 (WEEMES et al.) 30 August 1983 (30.08.83), see table II, examples 16-18. -----	60,61, 68,89

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US91/08827

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: 72, 79, 82, 85, 90, 93, 95
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
The content of claim 72 is defined by reference to claim 117, which does not exist; claims 79, 82, 85, 90 refer exclusively to claim 72; claims 93 and 95 refer exclusively to claim 90

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. Claims 1-59, 73, 77, 80, 83, 84, 86-88, 91, 94, 96
 2. Claims 60-71, 78, 81, 89, 92
- Please also refer to the form PCT/ISA/206 of 20.05.92

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

ANHANG

ANNEX

ANNEXE

zum internationalen Recherchen-
bericht über die internationale
Patentanmeldung Nr.

to the International Search
Report to the International Patent
Application No.

au rapport de recherche inter-
national relatif à la demande de brevet
international n°

PCT/US 91/08827 SAE 54762

In diesem Anhang sind die Mitglieder
der Patentfamilien der im obenge-
nannten internationalen Recherchenbericht
angeführten Patendokumente angegeben.
Diese Angaben dienen nur zur Unter-
richtung und erfolgen ohne Gewähr.

This Annex lists the patent family
members relating to the patent documents
cited in the above-mentioned inter-
national search report. The Office is
in no way liable for these particulars
which are given merely for the purpose
of information.

La présente annexe indique les
membres de la famille de brevets
relatifs aux documents de brevets cités
dans le rapport de recherche inter-
national visé ci-dessus. Les renseigne-
ments fournis sont donnés à titre indica-
tif et n'engagent pas la responsabilité
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In Recherchenbericht angeführtes Patendokument Patent document cited in search report Document de brevet cité dans le rapport de recherche	Datum der Veröffentlichung Publication date Date de publication	Mitglied(er) der Patentfamilie Patent family member(s) Membre(s) de la famille de brevets	Datum der Veröffentlichung Publication date Date de publication
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