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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: HIGH OXYGEN TRANSMISSION BIAXIALLY ORIENTED POLYPROPYLENE FILM

(57) Abstract: A biaxially oriented polyolefin multilayer film containing: (a) a core layer containing (i) greater than about 0% by weight to about 50% by weight of an isotactic polypropylene-containing impact copolymer, (ii) about 10% by weight to 70% by weight of an alpha olefin/polypropylene copolymer-containing thermoplastic olefin and (iii) about 10% by weight to 70% by weight of an isotactic propylene homopolymer; and (b) at least one polyolefin skin layer adjacent to the core layer is disclosed.



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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/40777

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B32B27/32

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

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B32B

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)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 410 136 B1 (DEMEUSE MARK THOMAS) 25 June 2002 (2002-06-25) cited in the application B0 polyolefin film comprising 10-60% isotactic PP, 10-25% LDPE and 15-80% propylenic heteropolymer. column 3, line 60 - column 4, line 36 column 6, line 46 - line 65	1-10, 21, 30-40
A	US 5 948 839 A (CHATTERJEE ANANDA M) 7 September 1999 (1999-09-07) Impact copolymer composition comprising PP homopolymer phase and ethylene-propylene rubber copolymer phase. column 3, line 9 - line 44	11-30



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"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)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"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

"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

"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.

"&" document member of the same patent family

Date of the actual completion of the international search

15 June 2004

Date of mailing of the international search report

02/07/2004

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 21,30 (in part)

Present claims 21 & 30 relate to food packaging films defined by reference to parameters, namely values for oxygen transmission and tensile modulus. The use of these parameters in the present context is considered to lead to a lack of support within the meaning of Article 6 PCT and a lack of disclosure within the meaning of Article 5 PCT. The application provides support within the meaning of Article 6 PCT and disclosure within the meaning of Article 5 PCT for only a narrow range of such films, i.e. see claims 1, 11 & 22.

Furthermore, claims 21 & 30 may be regarded as desideratum claims, since they amount to no more than a re-statement of the problem to be solved, without stating the means (the essential features of the invention) with which to solve this problem.

Therefore a meaningful search of claims 21 & 30 has not been possible over their entire claimed range. Instead, the search has been limited to those films of claims 21 & 30 which also fulfill independent claims 1 or 11.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 03/40777

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.: 21,30 (in part)
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:
see FURTHER INFORMATION sheet PCT/ISA/210
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. ☐ 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.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 03/40777

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6410136	B1	25-06-2002	AU 7874100 A 30-05-2001
			CA 2391545 A1 25-05-2001
			EP 1237991 A1 11-09-2002
			WO 0136520 A1 25-05-2001
US 5948839	A	07-09-1999	US 5674630 A 07-10-1997