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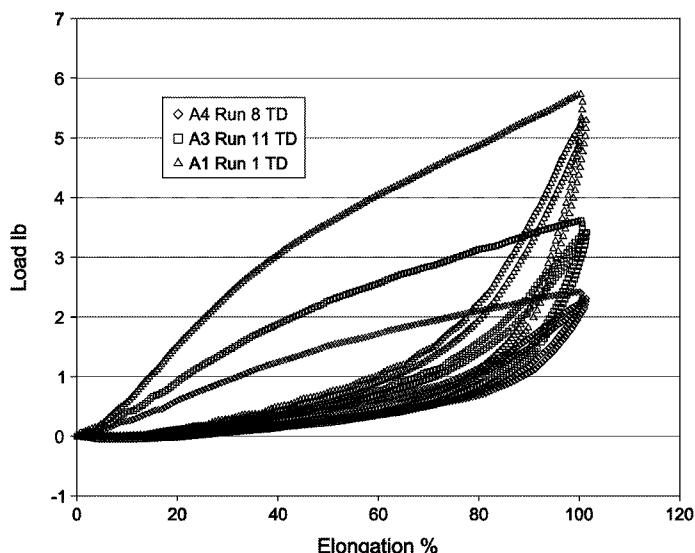
Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: SPUNBOND FIBERS AND FABRICS FROM POLYOLEFIN BLENDS

Fig. 1



(57) Abstract: The invention described relates to a polyolefin blend composition suitable for spunbond fiber or filament compositions, and to fabric compositions and composite constructions therefrom, said blend comprising a) from 60-98 wt% of at least one random propylene copolymer having a comonomer content of from 8 to 25 wt% and a crystalline melting point (Tm) as determined by differential scanning calorimetry (DSC) of from about 40°C to about 110°C; and b) from 2-40 wt% of at least one substantially isotactic polypropylene homopolymer or copolymer comprising one or more C<sub>2</sub> and/or C<sub>4</sub>-C<sub>8</sub> comonomer, having a crystalline melting point (Tm) as determined by DSC greater than or equal to 120°C. The blends of the present invention typically have a melt flow rate (MFR) of from 100 g/10min to about 500 g/10min.

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**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. D01F6/46      D04H3/16      C08L23/16      C08L23/30

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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
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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

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/044083 A (EXXONMOBIL CHEM PATENTS INC [US]; CHENG CHIA YUNG [US]; IYER SRIVATSAN) 27 April 2006 (2006-04-27) paragraph [0181] - paragraph [0182] examples 2.5-2.9; table 6C claims -----	1-21
X	WO 2005/052052 A (EXXONMOBIL CHEM PATENTS INC [US]; CHENG CHIA Y [US]; SRINIVAS SRIVATSA) 9 June 2005 (2005-06-09) paragraph [0181] - paragraph [0182] examples 2.5-2.9; table 6C claims -----	1-21
A	WO 00/70134 A1 (EXXON CHEMICAL PATENTS INC [US]) 23 November 2000 (2000-11-23) the whole document ----- -/--	1-21

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>"&amp;" document member of the same patent family</p>
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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   <p style="text-align: center;"><b>Fiocco, Marco</b></p>
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# INTERNATIONAL SEARCH REPORT

International application No  
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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	<p>&amp; US 6 342 565 B1 (CHENG CHIA YUNG [US] ET AL) 29 January 2002 (2002-01-29) cited in the application</p>	

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Information on patent family members

International application No PCT/US2007/084646
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