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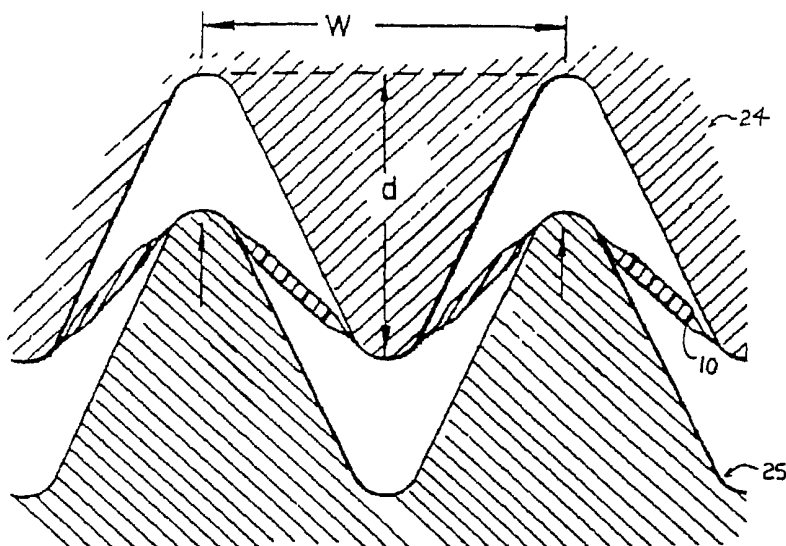
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(54) Title: PROCESS FOR ADJUSTING WVTR AND OTHER PROPERTIES OF A POLYOLEFIN FILM



(57) Abstract: A process for rendering films, film composites, and articles made therefrom less resistant to passage of water vapor by passing a filled precursor film (10) or film composite through the nip of interdigitating grooved rollers (24, 25). The films (10) or film composites are generally formed using a precursor film (10) of a film forming polyolefin or polyolefin blend, with a relatively high filler loading and optionally an elastomer. A process is disclosed for making diapers or other disposable items where a relatively high water vapor is coupled with a resistance to liquid strikethrough. In one embodiment of the invention, the interdigitating grooved rollers (24, 25) are maintained in a temperature range of from about 91 °F to about 159 °F.



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# INTERNATIONAL SEARCH REPORT

Intern. Patent Application No

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 B29C55/18

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 B29C

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, RAPRA

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 04397 A (EXXON CHEMICAL PATENTS INC) 5 February 1998 (1998-02-05) page 14, line 20 - line 22 page 7, line 24 -page 8, line 4 page 11, line 22 -page 12, line 14; example 8; table 3 -----	1-11
A	US 4 289 832 A (SCHWARZ ECKHARD C A) 15 September 1981 (1981-09-15) examples 1,2 -----	1-11
P,X	WO 00 23255 A (EXXON CHEMICAL PATENTS INC) 27 April 2000 (2000-04-27) examples 1-3; table -----	1-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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information on patent family members

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