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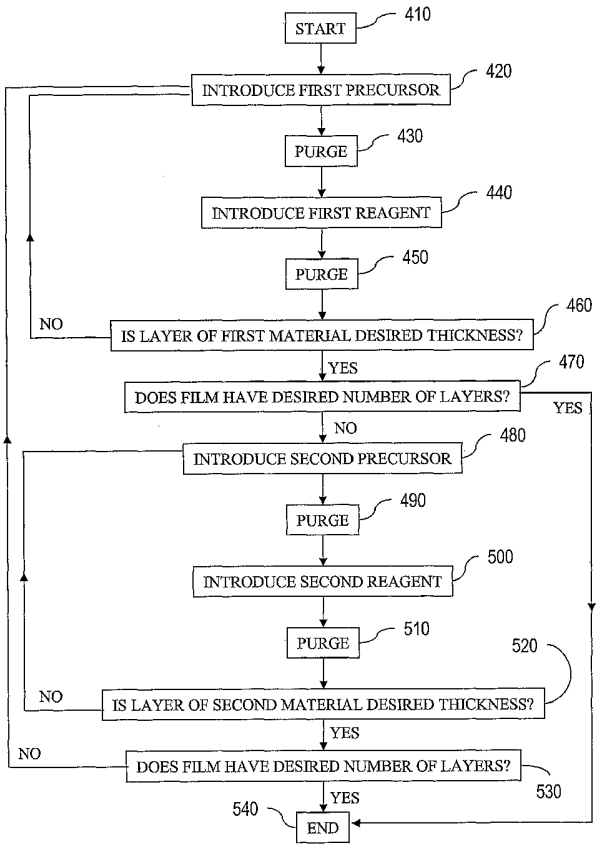
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[Continued on next page]

(54) Title: OPTICAL FILMS AND METHODS OF MAKING THE SAME

(57) Abstract: Films for optical use, articles containing such films, methods for making such films, and systems that utilize such films, are disclosed.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/19864

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : G02B 5/18, 5/30; B05D 5/06
US CL : 430/321; 359/500,486, 576, 494, 566, 569; 216/24; 427/162
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)
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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 practicable, search terms used)
EAST and WEST, nanoprint$, grating$ polariz$

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 3412958 A1 (DR. JOHANNES HEIDENHAIN GMBH) 17 October 1985 (17.10.1985), figures 1 and 2 and page 4/lines 1-14.	1,4,35-42,45-51,60-61,68-69
X	JP 07-005316 A (TDK CORP) 10 January 1995 (10.01.1995), see[0009,0015,0013].	1,4,13-15,21-23,35-42,45-51,56-58,60,61,68-69
X	KRAMAR J.A., et al., "Grating pithc measurements with molecular measuring machine", Proc. SPIE, July 1999, Vol. 3806, pp. 46-53, particularly page 48.	62-65 and 69
X	JP 11-014814 A (RICOH CO LTD) 22 January 1999 (22.01.1999), see [0039-0046].	68-69
X --- Y	US 5119231 A (NELSON et al.) 02 June 1992 (02.06.1992), see col 2/line 51-col 3/line 44)	1,2,4,13-15,35-42,45-51,56,68-69 --- 1,2,4,11-15,18-69
X	JP 09-090122 A (KYOCERA CORP) 04 April 1997 (04.04.1997) see [0016-0021].	1,2,4,11,13-15,17,35-42,45-51,56,68-69
X	JP 2000-284117 A (FUJI ELECTROCHEM CO LTD) 13 October 2000 (13.10.2000), see [0021-0028].	1,2,4,13,14,35-42,45-51,56,68-69

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 02-230203 A (NIPPON TELEGR & TELEPH CORP) 12 September 1990 (12.09.1990). See example 2 and page 4.	1,2,4,13-15,35-42,45-51,56,68-69
X --- Y	JP 2003-066229 A (KYOCERA CORP) 05 March 2003 (05.03.2003), see [0011-0013,0019,0029-0033].	1,2,4,13-15,35-42,45-51,56,68-69 --- 1-17,35-61,68-69
X --- Y	US 5245471 A (IWATSUKA et al.) 15 September 1993 (15.09.1993) examples1 & 3 and figure 7.	1,2,4,13-15,35-42,45-51,56,68-69 --- 1,2,4,11-15,18-69
X --- Y	US 4009957A (FIRESTER) 01 March 1977 (01.03.1977), See col. 2/lines 4-60.	1,2,4,8,9,13-15,35-42,45-51,56,68-69 --- 1,2,4-8-17,35-61,68-69
Y	US 2002/0191880 A1 (BORRELLI et al.) 19 December 2002 (19.12.2002), see [0009,0013,0028,0030,0034-0042].	1-7,11-17,35-61,68-69
Y	COLBURN, M., et al. "Step and Flsh Imprint Lithography: A New Aproach to high resolution patterning", Proc. SPIE, (March 1999) Vol. 3676 pp. 379-389., see page 379-380 in particular.	1-7,11-17,35-61,68-69
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