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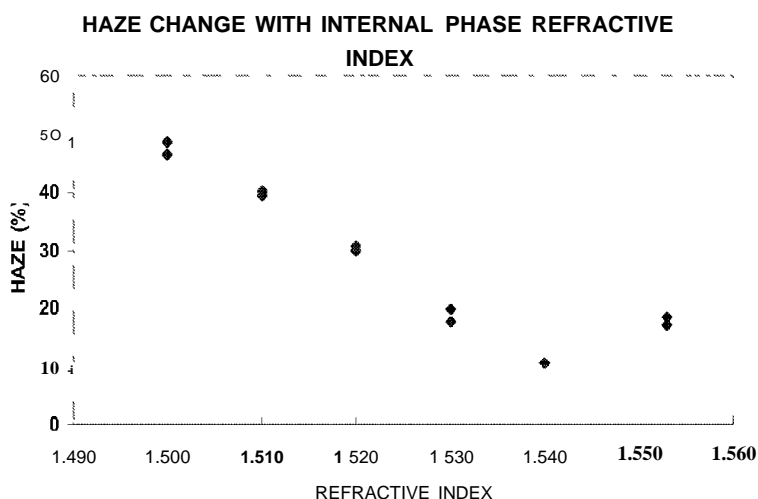


Fig. 4

(57) **Abstract:** The image stability of electrophoretic media, comprising a plurality of particles disposed in a fluid and capable of moving through the fluid upon application of an electric field to the medium, can be improved by including in the fluid a polystyrene. In variable transmission electrophoretic media, haze can be reduced by using as the fluid a mixture of a partially hydrogenated aromatic hydrocarbon and a terpene.

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INTERNATIONAL SEARCH REPORT

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USPC - 430/32

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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
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST, Google Patents Database, Google Scholar Database

(electrophoretic, medium, particle, fluid, electric field, partially hydrogenated, aromatic, hydrocarbon, terpene, terphenyl, d-limonene, coacervate, gelatin, acacia, polyvinyl alcohol, polyvinylpyrrolidone, molecular weight, Dalton, polymer, dissolve, disperse)

C DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 2005/0259312 A1 (MIYAZAKI et al) 24 Nov 2005 (24 11 2005) paragraphs 0016, 0022, 0032, 0036, 0057, 0071, 0073-0074, 0116, 0132, 0240	1-2, 4-12, 14-16
Y		3, 13, 17-19
Y	US 2005/0148088 A1 (ONG) 7 Jul 2005 (07 07 2005) paragraphs 0014, 0018	3
Y	US 2003/0214697 A1 (DUTHALER et al) 20 Nov 2003 (20 11 2003) paragraphs 0078, 0113, 0141, 0161, 0191	13, 17-18
Y	US 6,187,523 B2 (AYLWARD et al) 13 Feb 2001 (13 02 2001) column 5, line 1-5, column 18, line 39-40	19

D Further documents are listed in the continuation of Box C



* Special categories of cited documents

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