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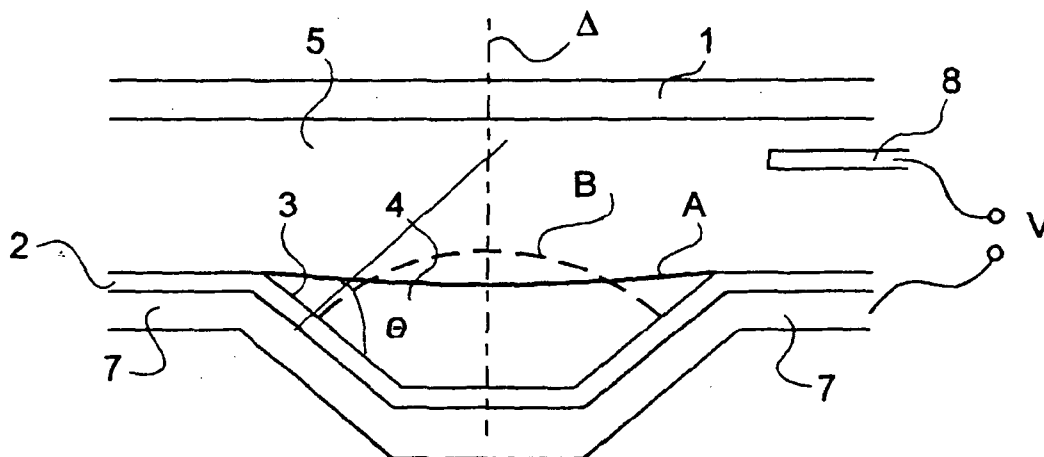
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(57) Abstract: The present invention relates to the use of an arylated quaternary ammonium salt in the conductive fluid of an optical electrowetting device, especially a variable focus optical lens driven by electrowetting. The invention also pertains to a multi-phase liquid composition comprising an arylated quaternary ammonium salt, as well as an optical lens driven by electrowetting comprising the same.

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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED

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G02B

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, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/047039 A1 (KATO TAKASHI [JP] ET AL) 2 March 2006 (2006-03-02) abstract; claims 1-6; figures 1-4 paragraph [0016] paragraph [0106] - paragraph [0108] -----	1-17
X	US 2003/227100 A1 (CHANDROSS EDWIN A [US] ET AL) 11 December 2003 (2003-12-11) abstract; claims 1-20 paragraph [0042] paragraph [0044] - paragraph [0045] ----- -/--	1-17

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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.
A	YANG SHU ET AL: "Tunable and latchable liquid microlens with photopolymerizable components" ADV MATER; ADVANCED MATERIALS JUN 5 2003, vol. 15, no. 11, 5 June 2003 (2003-06-05), pages 940-943, XP002413531 abstract; figures 1,2 page 941, column 1, paragraph 1 - column 2, last paragraph -----	1-17
A	US 5 302 757 A (SAEVA FRANKLIN D [US]) 12 April 1994 (1994-04-12) abstract; claims 1-18 -----	1-17
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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