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(54) **VARIABLE FOCUS LENS**

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(58) **Field of Classification Search** None
See application file for complete search history.

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(57) **ABSTRACT**

A variable focus lens comprising a first fluid (A) and a second, non-miscible, fluid (B) in contact over a meniscus. A first electrode (2) separated from the fluid bodies by a fluid contact layer (10), and a second electrode (12) in contact with the first fluid to cause an electrowetting effect whereby the shape of the meniscus is altered. The fluid contact layer has a substantially cylindrical inner wall.

16 Claims, 2 Drawing Sheets

