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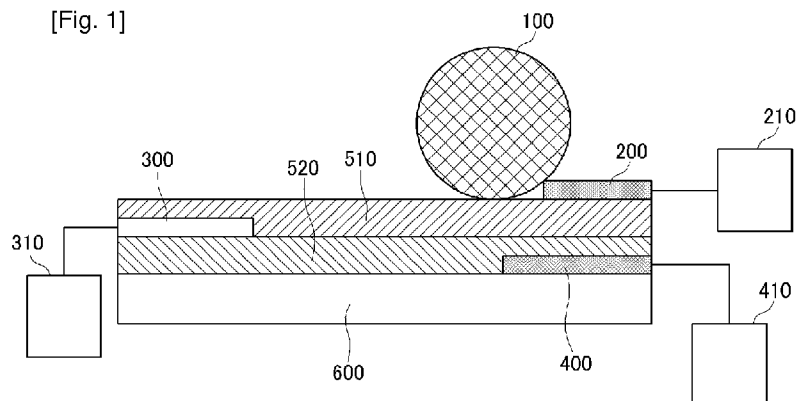
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(54) Title: METHOD AND APPARATUS FOR DRIVING CELL ARRAY DRIVEN BY ELECTRIC FIELD

[Fig. 1]



(57) Abstract: The present disclosure relates to an apparatus for driving an electric field driven cell array including a plurality of electric field driven cells, in which each of the electric field driven cells includes a first electrode, a second electrode, and a third electrode, which are provided on a substrate and insulated from one another, and an actuator movable between the first electrode and the second electrode, the apparatus including, a common voltage supply unit for supplying common voltage, a gate driver for supplying gate voltage, and a data driver for supplying data voltage.



A. CLASSIFICATION OF SUBJECT MATTER**G02F 1/167(2006.01)i, G09G 3/20(2006.01)i**

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: electrophoretic, cell, electrode, gate, data, driver

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	JP 2008-020774 A (SEIKO EPSON CORP) 31 January 2008 See abstract, paragraphs [0017]-[0018] and figure 1.	1-20
A	KR 10-2011-0048379 A (DONGJIN SEMICHEM CO., LTD. et al.) 11 May 2011 See abstract, paragraphs [0069]-[0074] and figures 1-2.	1-20



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