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[Continued on next page]

(54) Title: TECHNIQUES FOR CHANGING IMAGE DISPLAY PROPERTIES

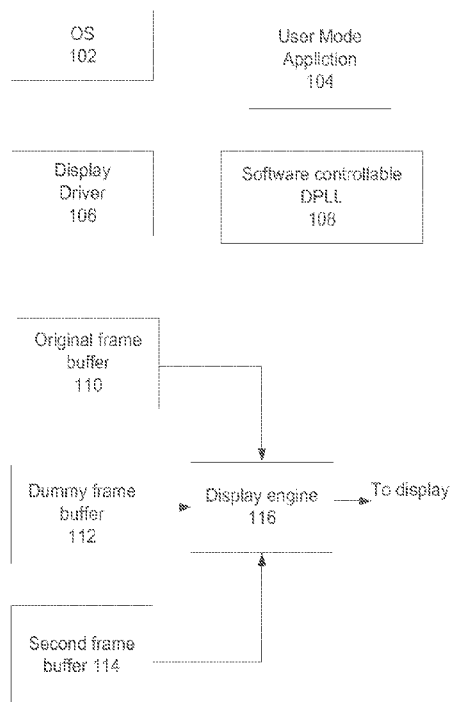
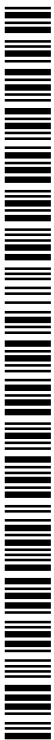


FIG. 1

(57) Abstract: Techniques are described that can be used to adjust a refresh rate of a display device. For example, the refresh rate change can be triggered by a user application for a variety of circumstances such as a change in power source from AC to DC or display of 24 frames per second (fps) video. Contents of a primary buffer can be copied to a secondary buffer and a display engine can read video from the secondary buffer to provide video to a display. The clock rate of a clock used to read out pixels can be adjusted using software commands. Video is written to a third buffer and during a vertical blanking interval the display engine reads frames from the third buffer instead of the second buffer.





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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: refresh rate change, dummy buffer, blank

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2008-0143729 A1 (WYATT DAVID et al.) 19 June 2008 See the abstract, paras.[0004],[0005],[0039]-[0048], claim 1, and figs.1,5-6.	1-19
A	US 2006-0050075 A1 (GONG, J. S. et al.) 09 March 2006 See the abstract, paras.[0017]-[0023], claim 1, and fig.2.	1-19
A	US 2008-0055318 A1 (GLEN, DAVID I.J.) 06 March 2008 See the abstract, paras.[0024]-[0025],[0027]-[0032],[0035], claim 1, and figs.3-5.	1-19
A	US 2008-0100598 A1 (JUENGER R. E.) 01 May 2008 See the abstract, paras.[0038]-[0044], claims 1,12, and fig.3.	1-19

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

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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