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(54) Title: CALIBRATION OF ELECTRICAL PARAMETERS IN OPTICALLY SWITCHABLE WINDOWS

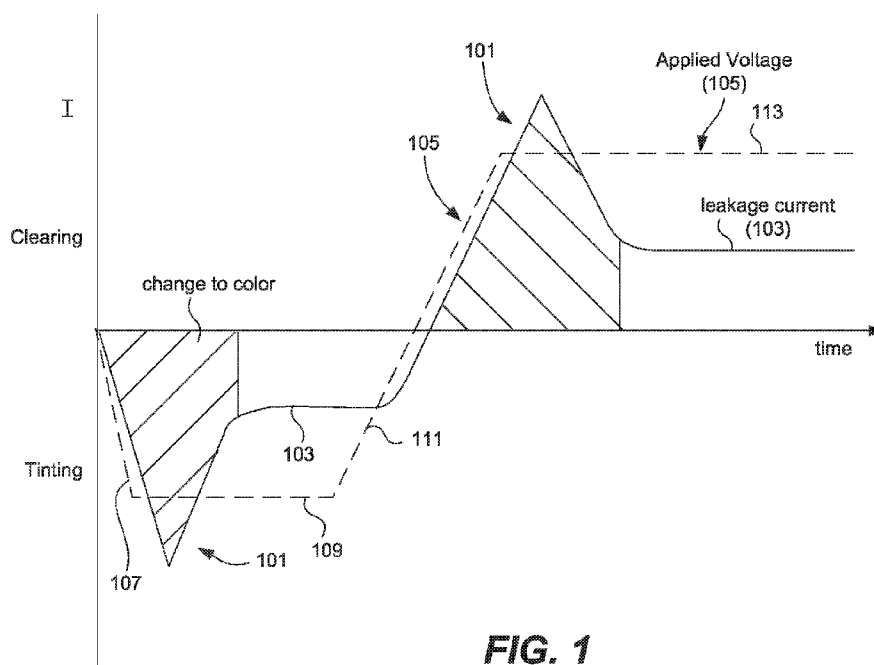


FIG. 1

(57) Abstract: The embodiments herein relate to methods for controlling an optical transition and the ending tint state of an optically switchable device, and optically switchable devices configured to perform such methods. In various embodiments, non-optical (e.g., electrical) feedback is used to help control an optical transition. The feedback may be used for a number of different purposes. In many implementations, the feedback is used to control an ongoing optical transition. In some embodiments a transfer function is used calibrate optical drive parameters to control the tinting state of optically switching devices.

SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2017/028443**A. CLASSIFICATION OF SUBJECT MATTER****G02B 26/00(2006.01)i, G02B 26/08(2006.01)i, G02B 6/32(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)

G02B 26/00; G05B 5/00; G06Q 50/10; G02F 1/153; G02F 1/163; G02F 1/01; G02B 1/14; B60J 3/04; G02B 26/08; G02B 6/32

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: electrochromic, optical density, measure, transfer function, tint, variance, calibration

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2015-0070745 A1 (VIEW, INC.) 12 March 2015 See paragraphs [0111], [0187], claim 15 and figures 1-5, 10.	1-17
A	WO 2015-134789 A1 (VIEW, INC.) 11 September 2015 See paragraphs [0122]-[0129], claims 22, 32 and figure 5.	1-17
A	US 2012-0133315 A1 (BERMAN et al.) 31 May 2012 See paragraphs [0031]-[0082] and figure 1.	1-17
A	US 2015-0346574 A1 (VIEW, INC.) 03 December 2015 See paragraph [0032], claims 28-30 and figure 1B.	1-17
A	US 2014-0148996 A1 (WATKINS) 29 May 2014 See claim 1 and figure 1.	1-17

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

* Special categories of cited documents:

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

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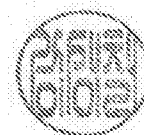
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Information on patent family members

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