



- (51) International Patent Classification:
G01D 5/34 (2006.01) *G01D 5/347* (2006.01)
- (21) International Application Number:
PCT/US2012/033980
- (22) International Filing Date:
18 April 2012 (18.04.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
13/089,543 19 April 2011 (19.04.2011) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, 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.

- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

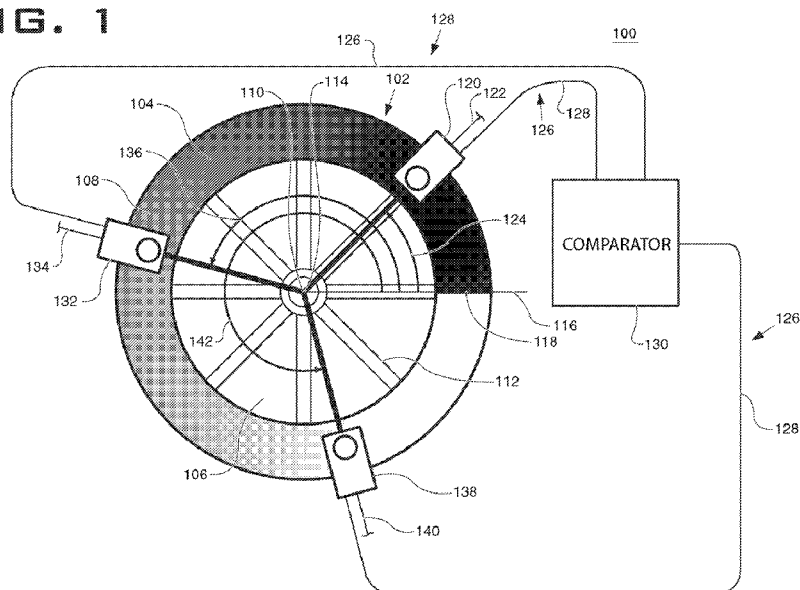
Published:

— with international search report (Art. 21(3))

- (88) Date of publication of the international search report:
6 November 2014

(54) Title: ROTARY POSITION SENSOR

FIG. 1



(57) Abstract: A rotary position sensor includes a rotatable disk, a first light sensor configured to generate a first opacity signal, a second light sensor configured to generate a second opacity signal, and a comparator. The opacity of the rotatable disk is substantially unique at each radial angle value. The comparator is configured to generate a disk position signal as a function of the first opacity signal and the second opacity signal.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/033980**A. CLASSIFICATION OF SUBJECT MATTER****G01D 5/34(2006.01)i, G01D 5/347(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)

G01D 5/34; G01D 5/249; G03G 21/00; G01C 17/26; H03M 1/22; G01D 5/245Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Japanese utility models and applications for utility modelsElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
cKOMPASS(KIPO internal) & Keywords: rotary, sensor, position, angle, sensor, disk, opacity and similar terms.**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0635700 A1 (BRANDESTINI, MARCO, DR.) 25 January 1995 See the whole document.	1-10
A	JP 07-140856 A (FUJI XEROX CO., LTD.) 02 June 1995 See the whole document.	1-10
A	US 2003-0038232 A1 (BLASING, F. & SCHIRP, C.) 27 February 2003 See the whole document.	1-10
A	US 04109389 A (BALCOM, O. R. et al.) 29 August 1978 See the whole document.	1-10

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

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Date of the actual completion of the international search

09 JANUARY 2013 (09.01.2013)

Date of mailing of the international search report

14 JANUARY 2013 (14.01.2013)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
189 Cheongsa-ro, Seo-gu, Daejeon Metropolitan
City, 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2012/033980

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