



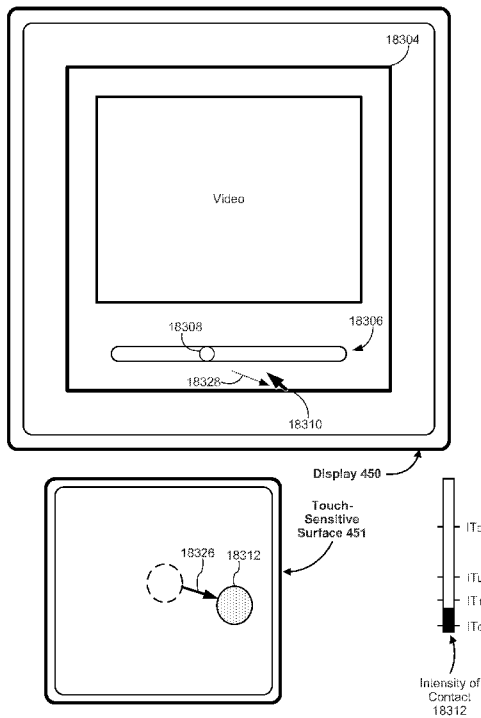
- (51) **International Patent Classification:**
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- (81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, 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, PA, 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.
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[Continued on next page]

(54) **Title:** DEVICE, METHOD, AND GRAPHICAL USER INTERFACE FOR MOVING AND DROPPING A USER INTERFACE OBJECT



(57) **Abstract:** An electronic device detects a contact associated with a focus selector that controls movement of a respective user interface object; and while continuously detecting the contact, the device detects first movement of the contact. In response to detecting the first movement of the contact, the device moves the focus selector and the respective user interface object, and determines an intensity of the contact. The device detects second movement of the contact and in response to detecting the second movement of the contact: when the contact meets respective intensity criteria, the device moves the focus selector and the user interface object; and when the contact does not meet the respective intensity criteria, the device moves the focus selector without moving the user interface object.

WO 2013/169882 A3



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

Published:

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20 February 2014

INTERNATIONAL SEARCH REPORT

International application No PCT/US2013/040108

A. CLASSIFICATION OF SUBJECT MATTER
 INV. G06F3/0488 G06F3/0486
 ADD.

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)
 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/021643 A1 (HOSHINO TAKESHI [JP] ET AL) 5 February 2004 (2004-02-05)	1,3-7, 9-21, 23-27, 29,30
Y	paragraph [0036] - paragraph [0065]	2,8,22, 28
A	paragraph [0073] paragraph [0082] - paragraph [0093] figures 1-5, 12, 13, 14	64,84
X	US 6 590 568 B1 (ASTALA ARTO [FI] ET AL) 8 July 2003 (2003-07-08) abstract column 8, line 58 - column 10, line 9 figures 6a-6d	1,3-5,7, 9-21, 23-25, 27,29,30

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

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"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
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 13 December 2013	Date of mailing of the international search report 08/01/2014
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Hauber, Jörg
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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2013/040108

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2011/105009 A1 (KYOCERA CORP [JP]; KAMIBEPPU SHINICHI [JP]) 1 September 2011 (2011-09-01) the whole document & EP 2 541 376 A1 (KYOCERA CORP [JP]) 2 January 2013 (2013-01-02) paragraph [0011] - paragraph [0013] paragraph [0025] - paragraph [0029] paragraph [0036] - paragraph [0062] figures 1,3-6	1-30
Y	----- US 2008/168395 A1 (ORDING BAS [US] ET AL) 10 July 2008 (2008-07-10) abstract paragraph [0144] - paragraph [0153] figures 5A-5E	2,22
Y	----- US 2012/105367 A1 (SON JAE S [US] ET AL) 3 May 2012 (2012-05-03) paragraph [0076] - paragraph [0094]	8,28
X	----- US 2006/132456 A1 (ANSON DAVID L A [US] ANSON DAVID LEININGER ADOLPHSON [US]) 22 June 2006 (2006-06-22)	55,65-75
A	abstract paragraph [0006] - paragraph [0009] paragraph [0069] - paragraph [0070] figures 8,9	1-30
X	----- US 2010/302179 A1 (AHN HYE-SANG [KR] ET AL) 2 December 2010 (2010-12-02) paragraph [0048] - paragraph [0049] paragraph [0097] - paragraph [0137] figures 1,6,7,8	31-54
X	----- US 2010/017710 A1 (KIM HYUN-JIN [KR] ET AL) 21 January 2010 (2010-01-21) paragraph [0052] - paragraph [0073] paragraph [0095] - paragraph [0100] figures 1, 16-24	31-54
A	----- WO 2005/106637 A2 (KONINKL PHILIPS ELECTRONICS NV [NL]; GEURTS LUCAS J F [NL]; LAMERS AND) 10 November 2005 (2005-11-10) page 8, line 26 - page 9, line 31 figures 6,7	31-54
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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2013/040108

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>REKIMOTO ET AL: "PreSense: Interaction Techniques for finger sensing input devices", PROCEEDINGS OF THE 16TH ANNUAL ACM SYMPOSIUM ON USER INTERFACE SOFTWARE AND TECHNOLOGY , UIST '03, 30 November 2003 (2003-11-30), pages 203-212, XP055069941, New York, New York, USA DOI: 10.1145/964696.964719 ISBN: 978-1-58-113636-4 the whole document</p> <p style="text-align: center;">-----</p>	31-54
A	<p>CLIFTON FORLINES ET AL: "Glimpse: a Novel Input Model for Multi-level Devices", CHI '05 EXTENDED ABSTRACTS ON HUMAN FACTORS IN COMPUTING SYSTEMS , CHI '05, 2 April 2005 (2005-04-02), page 1375, XP55092503, New York, New York, USA DOI: 10.1145/1056808.1056920 ISBN: 978-1-59-593002-6 the whole document</p> <p style="text-align: center;">-----</p>	31-54
X	<p>US 2009/046110 A1 (SADLER DANIEL J [US] ET AL) 19 February 2009 (2009-02-19) paragraph [0010] - paragraph [0020] paragraph [0025] paragraph [0030] - paragraph [0036] figures 6-11</p> <p style="text-align: center;">-----</p>	55-84
X	<p>EP 2 141 574 A2 (LG ELECTRONICS INC [KR]) 6 January 2010 (2010-01-06)</p> <p>paragraph [0028] - paragraph [0029] paragraph [0036] paragraph [0065] - paragraph [0127] figures 4-28</p> <p style="text-align: center;">-----</p>	55-57, 60-77, 80-84
A	<p>EP 2 299 351 A2 (SONY CORP [JP]) 23 March 2011 (2011-03-23) paragraph [0027] - paragraph [0080] figures 1-9</p> <p style="text-align: center;">-----</p>	55-84

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2013/040108

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-30

Moving and Dropping a User Interface Object

2. claims: 31-54

Previewing and Selecting Content Items

3. claims: 55-84

Performing an Operation in Accordance with a Selected Mode
of Operation

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2013/040108

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