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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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(54) **Title:** MOBILE HANDSET ACCESSORY SUPPORTING TOUCHLESS AND OCCLUSION-FREE USER INTERACTION

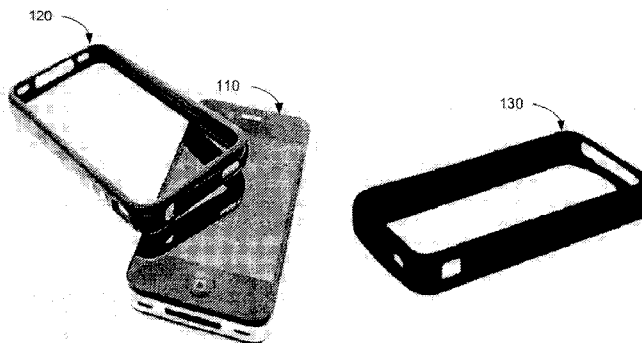


Figure 1

(57) **Abstract:** An accessory device for handheld electronic devices such as, for example, a cellular telephone, a smart phone, a media player, and a tablet computer includes circuitry for sensing flow of human breath and for communicating with the handheld electronic device, to enable user control of the handheld electronic device employing the flow of human breath.

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2013/001257

A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F3/01 H04M1/725 H04M1/2745
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 H04M
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, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2011/004327 A1 (BONNAT PIERRE [US]) 6 January 2011 (2011-01-06)	1,2, 4-10, 12-14, 16-20
Y	paragraph [0043] - paragraph [0054] paragraph [0074] - paragraph [0101] paragraph [0152] figures 1a-1d	3,11
Y	US 2010/277304 A1 (HAARTSEN JACOBUS C [NL]) 4 November 2010 (2010-11-04) paragraph [0007] - paragraph [0025] paragraph [0040] - paragraph [0051] claims 1-6	3,11
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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 22 October 2013	Date of mailing of the international search report 31/10/2013
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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 Maciejewski, Robert
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INTERNATIONAL SEARCH REPORT

International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 2011/137433 A1 (BONNAT PIERRE [US]) 9 June 2011 (2011-06-09)</p> <p>paragraph [0023] - paragraph [0027] paragraph [0030] - paragraph [0034] paragraph [0040] - paragraph [0052] figures 1,2</p> <p style="text-align: center;">-----</p>	<p>1,2, 4-10, 12-14, 16-20</p>
X	<p>US 2010/079370 A1 (KIM KWAN-SIC [KR] ET AL) 1 April 2010 (2010-04-01)</p> <p>paragraph [0008] - paragraph [0010] paragraph [0023] paragraph [0029] - paragraph [0033] paragraph [0041] - paragraph [0043]</p> <p style="text-align: center;">-----</p>	<p>1,2, 4-10, 12-14, 16-20</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/IB2013/001257

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			WO	2010128352 A1	11-11-2010
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