A cognitive alteration system includes a storage unit at least to store one or more scripts, each to control a cognitive alteration process where the process occurs within at least one of: a dedicated session and a follow-up open time period and where the storage unit stores both a script per dedicated session and a script per follow-up open time period for the process: a script handler at least to run at least one script; at least one of a wearable and a non-wearable element to sense an attribute of a subject or to provide an output to the subject during one of the dedicated session and the follow-up open time period; an information analyzer at least to perform analysis of the readings of the at least one element, an integrator to integrate the analysis and a script updater to update at least one of the scripts.

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

(88) Date of publication of the international search report:
15 March 2018 (15.03.2018)
**INTERNATIONAL SEARCH REPORT**

**International application No.**

PCT/IB16/95003

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC - A61 B 5/04, 5/08, 5/1 6, 5/1 03; A61 N 1/36; A61 P 3/04, 25/1 6, 25/1 8, 25/22, 25/24 (201 7.01)

CPC - A61 B 5/0002, 5/0006, 5/047 6, 5/1 6, 5/486; A61 K 3/1/137, 38/00, 45/06; G06F 8/41, 8/65; G06N 99/005; G06Q 50/22; G09B 19/00, 7/04

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)

See Search History document

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

See Search History document

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

See Search History document

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>WO 2014/07795 A1 (INTERAXON INC.) 17 July 2014; abstract; paragraphs [0010], [0058], [0060], [0066], [00121]-[00123], [00129], [00140]-[00141], [00155]-[00156], [00163], [00198]-[00200], [00210], [00234], [00249], [00292], [00314], [00340], [00408], [00414]-[00418], [00421]-[00423], [00432]-[00436]; figures 74.</td>
<td>1-29</td>
</tr>
<tr>
<td>Y</td>
<td>US 201 1/0190594 A1 (HEIT, J et al.) 04 August 201 1; abstract; figures 1-2, 5-6, 9; paragraphs [0018], [0043], [0053], [0074], [0090]-[0092], [0096], [0106], [0114], [0117], [0123].</td>
<td>1-29</td>
</tr>
<tr>
<td>Y</td>
<td>US 2013/0266924 A1 (ZELIN, M) 10 October 201 3; abstract; paragraphs [0030], [0061], [0075], [01 18].</td>
<td>15, 29</td>
</tr>
</tbody>
</table>

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

**Date of the actual completion of the international search**

03 January 2018 (03.01.2018)

**Date of mailing of the international search report**

2-3 JAN 2018

**Name and mailing address of the ISA/**

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents

P.O. Box 1450, Alexandria, Virginia 22313-1450

Facsimile No. 571-273-6300

**Authorized officer**

Shane Thomas

PCT Helpdesk: 571-272-4300

PCT OGP: 571-272-7774

Form PCT/ISA/2 10 (second sheet) (January 20 15)