

Title (en)

METHOD AND DEVICE FOR DETECTING ANOMALOUS BEHAVIOR OF A USER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DETEKTION VON ANORMALEM VERHALTEN EINES BENUTZERS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR DÉTECTER UN COMPORTEMENT ANORMAL D'UN UTILISATEUR

Publication

EP 3163546 A1 20170503 (EN)

Application

EP 15306726 A 20151029

Priority

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Abstract (en)

A method for detecting anomalous behavior of a user is described including logging first time-stamped event data of initial behavior of the user from sensors in an environment of the user for a period of time, mining the logged time-stamped event data to identify patterns of life routines of the user, determining which of the identified patterns are frequent patterns of life routines of the user, determining a duration of each of the identified frequent patterns, logging second time-stamped event data of subsequent behavior of the user from the sensors in the environment of the user and identifying a new occurrence of a known pattern of the life routines of the user, detecting anomalous behavior and creating an alert based on the detected anomalous behavior.

IPC 8 full level

G08B 21/04 (2006.01)

CPC (source: EP)

G08B 21/0423 (2013.01)

Citation (search report)

- [X] WO 2015127491 A1 20150903 - UNIV MONASH [AU]
- [X] JP 2001216585 A 20010810 - SEKISUI CHEMICAL CO LTD
- [XI] US 2010063774 A1 20100311 - COOK DIANE J [US], et al
- [XI] US 2011295583 A1 20111201 - HOLLOCK STEPHEN [GB], et al
- [X] US 2003059081 A1 20030327 - TRAJKOVIC MIROSLAV [US]

Cited by

EP3457635A1; CN111459797A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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