

Title (en)

METHOD AND SYSTEM FOR ESTIMATING A DEMAND OR AN ATTENTIONAL COST ASSOCIATED WITH THE EXECUTION OF A TASK OR ATTENTION SHARING STRATEGIES DEVELOPED BY AN INDIVIDUAL

Title (de)

VERFAHREN UND SYSTEM ZUR SCHÄTZUNG EINER NACHFRAGE ODER EINES AUFMERKSAMKEITSPREISES IM ZUSAMMENHANG MIT EINER AUFGABE ODER DURCH EIN INDIVIDUUM ENTWICKELTEN AUFMERKSAMKEITSTEILUNGSSTRATEGIEN

Title (fr)

PROCEDE ET SYSTEME POUR L'ESTIMATION D'UNE DEMANDE OU D'UN COÛT ATTENTIONNEL ASSOCIE A L'EXECUTION D'UNE TACHE OU DES STRATEGIES DE PARTAGE DE L'ATTENTION DEVELOPPEES PAR UN INDIVIDU

Publication

EP 3433775 A1 20190130 (FR)

Application

EP 17711688 A 20170323

Priority

- FR 1652541 A 20160324
- EP 2017056921 W 20170323

Abstract (en)

[origin: WO2017162789A1] The invention relates to a method for estimating the attentional resources invoked for the execution of a primary task and/or attention sharing strategies developed by an individual, said method being implemented in a mobile terminal and being based on the utilization of the dual-task paradigm, noteworthy in that it comprises the following steps: - Evaluation (10) of first performance ratings of the individual during the execution of a primary task alone, - Evaluation (20) of second performance ratings of the individual during the execution of a secondary task alone, - Evaluation (30) of third performance ratings of the individual during the simultaneous execution of the primary and secondary tasks, - Estimation (40) of the attentional demand required for the execution of the primary task and/or of the effect (beneficial or negative) of a secondary task on the control mechanisms involved in the execution of the primary task and/or attention sharing strategies developed by an individual by comparing the first, second and third performance ratings evaluated during the previous steps.

IPC 8 full level

A61B 5/00 (2006.01); **A61B 5/11** (2006.01); **G09B 7/00** (2006.01); **G09B 19/00** (2006.01)

CPC (source: EP US)

A61B 5/1126 (2013.01 - EP US); **A61B 5/168** (2013.01 - EP US); **G09B 7/00** (2013.01 - EP US); **G09B 7/02** (2013.01 - EP US); **G09B 19/003** (2013.01 - EP US); **G09B 19/0038** (2013.01 - EP US); **G16H 50/20** (2017.12 - EP US)

Citation (search report)

See references of WO 2017162789A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017162789 A1 20170928; EP 3433775 A1 20190130; FR 3049371 A1 20170929; US 11355029 B2 20220607; US 2019172367 A1 20190606

DOCDB simple family (application)

EP 2017056921 W 20170323; EP 17711688 A 20170323; FR 1652541 A 20160324; US 201716088005 A 20170323