

Title (en)

SETTING UP A COMMUNICATION VIA ANALYSIS OF EYE MOVEMENTS

Title (de)

KOMMUNIKATIONSaufbau DURCH ANALYSE VON AUGENBEWEGUNGEN

Title (fr)

ETABLISSEMENT D'UNE COMMUNICATION PAR ANALYSE DES MOUVEMENTS OCULAIRES

Publication

EP 4010785 A1 20220615 (FR)

Application

EP 20820480 A 20200731

Priority

- FR 1909125 A 20190809
- FR 2020051420 W 20200731

Abstract (en)

[origin: WO2021028630A1] The invention relates to a method for setting up a communication intended for at least one terminal of at least one second user via analysis of the eye movements of a first user, said method being implemented by a device for setting up a communication via analysis of the eye movements of said first user, said device possessing at least one camera and at least one region of interest associated, via an identification datum, with said at least one terminal of said at least one second user, and characterised in that the method comprises: - a step of capturing eye movements with said camera, - a step of analysing the captured eye movements, - a step of evaluating a duration for which the analysis of the eye movements indicates that the gaze of said user remains directed towards said region of interest, and, when the evaluation indicates that this duration is longer than a threshold, - a step of transmitting at least one first message to said at least one terminal identified via said identification datum.

IPC 8 full level

G06F 3/01 (2006.01); **G06F 3/0482** (2013.01); **G06F 3/0484** (2022.01); **G06F 3/0485** (2022.01); **H04M 1/2747** (2020.01); **H04M 1/724** (2021.01); **H04M 1/725** (2021.01)

CPC (source: EP US)

G06F 3/013 (2013.01 - EP US); **G06F 3/0482** (2013.01 - EP); **G06F 3/04842** (2013.01 - EP); **G06F 3/0485** (2013.01 - EP); **G06T 7/20** (2013.01 - US); **G06T 7/70** (2017.01 - US); **H04M 1/2747** (2020.01 - EP); **H04W 76/11** (2018.02 - US); **G06T 2207/30201** (2013.01 - US); **H04M 2250/52** (2013.01 - EP)

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)

FR 3099837 A1 20210212; EP 4010785 A1 20220615; US 11907422 B2 20240220; US 2022300074 A1 20220922; WO 2021028630 A1 20210218

DOCDB simple family (application)

FR 1909125 A 20190809; EP 20820480 A 20200731; FR 2020051420 W 20200731; US 202017633820 A 20200731