

Title (en)
SECURE TESTING DEVICE WITH OPTICAL ELEMENT

Title (de)
SICHERE PRÜFVORRICHTUNG MIT OPTISCHEM ELEMENT

Title (fr)
DISPOSITIF D'ESSAI SÉCURISÉ AVEC ÉLÉMENT OPTIQUE

Publication
EP 4028826 A4 20231011 (EN)

Application
EP 20862545 A 20200904

Priority
• US 201916564905 A 20190909
• US 201916717020 A 20191217
• US 2020049504 W 20200904

Abstract (en)
[origin: WO2021050392A1] Secure testing device includes a frame positionable on a person's head, a display section, and a combiner arranged at least partly in front of the eyes of the person and which allows simultaneous viewing of an environment in front of the person and content on the display section, e.g., test questions. A crossview camera system images from locations on each lateral side of the frame toward the opposite lateral side and below the combiner. An iris camera system images the eyes of the person. A forward-looking camera system images an area in front of the frame. A processor analyzes images obtained by the crossview camera system to determine presence of imaging devices, images obtained by the iris camera system to determine position of irises of the person and optionally imaging devices, and images obtained by the forward-looking camera system to determine presence of specific objects.

IPC 8 full level
G02B 27/01 (2006.01); **G06F 3/01** (2006.01); **G09B 7/07** (2006.01)

CPC (source: EP KR US)
G02B 27/0093 (2013.01 - EP KR); **G02B 27/017** (2013.01 - EP KR US); **G06F 3/011** (2013.01 - EP KR); **G06V 10/454** (2022.01 - KR); **G06V 10/82** (2022.01 - EP KR US); **G06V 40/18** (2022.01 - EP KR US); **G09B 7/07** (2013.01 - EP KR); **G02B 2027/0138** (2013.01 - EP KR); **G02B 2027/0178** (2013.01 - EP KR); **G06V 10/454** (2022.01 - EP US)

Citation (search report)
• [XY] US 2013169683 A1 20130704 - PEREZ KATHRYN STONE [US], et al
• [Y] US 2018247555 A1 20180830 - BREED DAVID S [US]
• [A] US 2017061212 A1 20170302 - TANAKA AKIRA [JP], et al
• [A] US 2013278631 A1 20131024 - BORDER JOHN N [US], et al
• [Y] US 2019179409 A1 20190613 - JONES FRANK [CA], et al
• See references of WO 2021050392A1

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

DOCDB simple family (publication)
WO 2021050392 A1 20210318; AU 2020345715 A1 20220421; CA 3153968 A1 20210318; CN 114585959 A 20220603; EP 4028826 A1 20220720; EP 4028826 A4 20231011; KR 20220063194 A 20220517; TW 202121360 A 20210601

DOCDB simple family (application)
US 2020049504 W 20200904; AU 2020345715 A 20200904; CA 3153968 A 20200904; CN 202080062930 A 20200904; EP 20862545 A 20200904; KR 20227010802 A 20200904; TW 109130935 A 20200909