

Title (en)

ON-THE-GO TOUCHLESS FINGERPRINT SCANNER

Title (de)

BERÜHRUNGSLOSER FINGERABDRUCKSCANNER FÜR UNTERWEGS

Title (fr)

LECTEUR D'EMPREINTES DIGITALES SANS CONTACT PORTABLE

Publication

EP 3105712 A4 20170920 (EN)

Application

EP 15749130 A 20150212

Priority

- US 201461938748 P 20140212
- US 2015015538 W 20150212

Abstract (en)

[origin: WO2015123374A1] On-the-go fingerprint scanners and methods of capturing fingerprints on-the-go are disclosed. In some aspects, the on-the-go fingerprint scanner can include a scanning area and a beam break sensor disposed coincident to the scanning area such that the beam break sensor detects when an object passes through the scanning area. The scanner can also include at least one hand camera configured to capture a video image of the scanning area such that when the beam break sensor detects that an object has passed through the scanning area, the hand camera detects whether the object is a human hand and the location of any fingers on said hand, and at least one fingerprint camera configured to receive the location of any fingers within the scanning area from the hand camera and capture a high-resolution image of at least a portion of any of said fingers passing through the scanning area.

IPC 8 full level

G06K 9/00 (2006.01); **G06K 9/62** (2006.01)

CPC (source: EP US)

G06V 10/7553 (2022.01 - EP US); **G06V 40/11** (2022.01 - EP US); **G06V 40/1312** (2022.01 - EP US)

Citation (search report)

- [I] US 2012076369 A1 20120329 - ABRAMOVICH GIL [US], et al
- [T] COOTES T F ET AL: "Active shape models - their training and application", COMPUTER VISION AND IMAGE UNDERSTANDING, ACADEMIC PRESS, US, vol. 61, no. 1, 1 January 1995 (1995-01-01), pages 38 - 59, XP002607166, ISSN: 1077-3142, [retrieved on 20020424], DOI: 10.1006/CVIU.1995.1004
- See references of WO 2015123374A1

Designated contracting state (EPC)

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