

Title (en)

DEVICE FOR ACQUIRING DIGITAL FINGERPRINTS

Title (de)

VORRICHTUNG ZUR ERFASSUNG DIGITALER FINGERABDRÜCKE

Title (fr)

DISPOSITIF D'ACQUISITION D'EMPREINTES DIGITALES

Publication

**EP 3210162 A1 20170830 (FR)**

Application

**EP 15786904 A 20151022**

Priority

- FR 1460155 A 20141022
- EP 2015074521 W 20151022

Abstract (en)

[origin: WO2016062822A1] The invention relates to a device for acquiring digital fingerprints which includes an image matrix sensor (1), said sensor being configured such as to acquire at least one image of the digital fingerprints of a finger (2) when said finger (2) is presented to said sensor in the acquisition field thereof, wherein the matrix sensor includes a body made of a semiconducting material (3) in which a matrix of active pixels (4) is formed, the pixels of said matrix of active pixels each including at least one photodiode (5) and being configured such as to operate in solar cell mode.

IPC 8 full level

**G06K 9/00** (2006.01); **G06V 40/13** (2022.01); **H01L 27/146** (2006.01)

CPC (source: CN EP US)

**G06V 40/13** (2022.01 - EP US); **G06V 40/1306** (2022.01 - US); **H01L 27/14612** (2013.01 - EP US); **H01L 27/14625** (2013.01 - EP US); **H01L 27/14643** (2013.01 - EP US); **H01L 27/14678** (2013.01 - CN EP US); **H01L 27/14609** (2013.01 - CN EP US); **H01L 27/14618** (2013.01 - CN EP US); **H01L 27/14636** (2013.01 - EP US); **H01L 2224/48091** (2013.01 - CN EP US); **H01L 2924/10157** (2013.01 - CN EP US); **H01L 2924/181** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016062822A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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