Title (en)
READING PREDEFINED TEXTUAL DATA FROM A SHEET

Title (de)
ABLESEN VON VORGEGEBENEN TEXTDATEN VON EINEM BLATT

Title (fr)
LECTURE DE DONNÉES TEXTUELLES PRÉDÉFINIES SUR UNE FEUILLE

Publication
EP 3266005 A4 20181031 (EN)

Application
EP 16759480 A 20160303

Priority
• US 201562127588 P 20150303
• US 2016020650 W 20160303

Abstract (en)
[origin: WO2016141163A1] In an example embodiment, there is disclosed herein an apparatus comprising first and second light sources, a sensor, and an image processor. The sensor obtains image data from the first and second light sources, wherein the image data from the first light source is a composite image of light passing through the sheet and the near side image data from the second light source is a reflected, near side image. The image processor subtracts the near side image data from the composite image data to obtain far side image data, and can determine textual data on the sheet form either the near side image data, the far side image data, or a combination of the near side image data and the far side image data.

IPC 8 full level
G06K 9/00 (2006.01); **G06K 9/20** (2006.01); **G06K 9/46** (2006.01); **G06V 10/141** (2022.01); **G06V 10/147** (2022.01); **G06V 30/40** (2022.01); **G07D 7/00** (2016.01); **H04N 1/203** (2006.01)

CPC (source: EP US)
G06V 10/10 (2022.01 - EP US); **G06V 10/141** (2022.01 - EP US); **G06V 10/147** (2022.01 - EP US); **G06V 10/40** (2022.01 - EP US); **G06V 30/40** (2022.01 - EP US); **G07D 7/12** (2013.01 - EP); **H04N 1/00328** (2013.01 - EP); **H04N 1/0423** (2013.01 - EP); **H04N 1/2032** (2013.01 - EP); **H04N 1/32352** (2013.01 - EP); H04N 2201/0081 (2013.01 - EP); H04N 2201/0418 (2013.01 - EP); H04N 2201/3226 (2013.01 - EP); H04N 2201/3233 (2013.01 - EP)

Citation (search report)
• [IY] WO 2010026646 A1 20100311 - GLORY KOGYO KK [JP], et al
• [Y] KR 20130050562 A 20130516 - NAUTILUS HYOSUNG INC [KR]
• [Y] EP 2194512 A1 20100609 - GLORY KOGYO KK [JP]
• See references of WO 2016141163A1

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 2016141163 A1 20160909; BR 112017018862 A2 20180424; CN 107615302 A 20180119; EP 3266005 A1 20180110; EP 3266005 A4 20181031

DOCDB simple family (application)
US 2016020650 W 20160303; BR 112017018862 A 20160303; CN 201680025300 A 20160303; EP 16759480 A 20160303