

Title (en)

METHOD AND SYSTEM FOR AUTOMATICALLY LOCATING TEXT AREAS IN AN IMAGE

Title (de)

VERFAHREN UND SYSTEM ZUR AUTOMATISCHEN LOKALISIERUNG VON TEXTGEBIETEN IN EINEM BILD

Title (fr)

PROCEDE ET SYSTEME DE LOCALISATION AUTOMATIQUE DE ZONES DE TEXTE DANS UNE IMAGE

Publication

**EP 1525553 A2 20050427 (FR)**

Application

**EP 03750862 A 20030730**

Priority

- FR 0302406 W 20030730
- FR 0209749 A 20020731

Abstract (en)

[origin: WO2004013802A2] Disclosed is a system for automatically locating text areas in a digital image, comprising a unit (150, 160) that converts an input digital image into a binary image, a unit (170) which locates potential text areas that are applied to the binary image, and a unit (180) which selects actual text areas highlighted by the locating unit (170). The unit (170) locating potential text areas is advantageously provided with means for applying at least one morphological filter to the binary image that results from the conversion of the digital image into a binary image. The selecting unit (180) carries out a method for dividing the intensity of gray levels applied to the image supplied by a processing unit (160) that is included in the unit (150, 160) converting the digital image into a binary image.

IPC 1-7

**G06K 9/32**

IPC 8 full level

**G06K 9/32** (2006.01); **G06V 30/10** (2022.01)

CPC (source: EP US)

**G06V 20/62** (2022.01 - EP US); **G06V 30/10** (2022.01 - EP US)

Citation (search report)

See references of WO 2004013802A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2843220 A1 20040206**; **FR 2843220 B1 20050218**; AU 2003269080 A1 20040223; CN 1685358 A 20051019; EP 1525553 A2 20050427; WO 2004013802 A2 20040212; WO 2004013802 A3 20040408

DOCDB simple family (application)

**FR 0209749 A 20020731**; AU 2003269080 A 20030730; CN 03823507 A 20030730; EP 03750862 A 20030730; FR 0302406 W 20030730