Title (en)

METHOD FOR DIGITAL RECORDING, STORAGE AND/OR TRANSMISSION OF INFORMATION BY MEANS OF A CAMERA PROVIDED ON A COMMUNICATION TERMINAL

Title (de)

VERFAHREN ZUM DIGITALEN AUFZEICHNEN, SPEICHERN UND/ODER ÜBERTRAGEN VON INFORMATIONEN MITTELS EINER AN EINEM KOMMUNIKATIONSENDGERÄT VORGESEHENEN KAMERA

Title (fr)

PROCEDE POUR LA SAISIE NUMERIQUE, LE STOCKAGE ET/OU LA TRANSMISSION D'UNE INFORMATION A L AIDE D UNE CAMERA EQUIPANT UN TERMINAL DE COMMUNICATION

Publication

EP 1581906 A2 20051005 (FR)

Application

EP 03755214 A 20030527

Priority

• FR 0301606 W 20030527
• FR 0206579 A 20020527

Abstract (en)

[origin: WO03100713A2] The invention relates to a method for selection of a digitising zone by a camera (CN), correction of the projection distortion, resolution enhancement, then binarisation, comprising the following operation steps: generation of a closed contour (DC) within the document for processing (O) or around the document for processing (O), produced manually or printed, presentation of the document for processing (O) in front of the camera (CN) at an angle such that said contour is entirely visible within the image present on the visualisation screen (AF), recording the image and searching for the contour within the image, calculation of projection distortions (bloc CC), extraction and fusion of the image contents and generation of the final image.

IPC 1-7

G06K 9/42

IPC 8 full level

H04N 1/00 (2006.01); **G06V 10/32** (2022.01)

CPC (source: EP US)

G06V 10/32 (2022.01 - EP US); **G06V 30/142** (2022.01 - EP US); G06V 10/247 (2022.01 - EP US)

Citation (search report)

See references of WO 03100713A2

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)

WO 03100713 A2 20031204; **WO 03100713 A3 20051229**; AU 2003254539 A1 20031212; AU 2003254539 A8 20031212; CN 101103620 A 20080109; EP 1581906 A2 20051005; FR 2840093 A1 20031128; FR 2840093 B1 20060210; JP 2006514344 A 20060427; US 2006164517 A1 20060727

DOCDB simple family (application)

FR 0301606 W 20030527; AU 2003254539 A 20030527; CN 03815276 A 20030527; EP 03755214 A 20030527; FR 0206579 A 20020527; JP 2004508085 A 20030527; US 51584305 A 20050901