

Title (en)

A METHOD AND SYSTEM FOR CHARACTER RECOGNITION

Title (de)

VERFAHREN UND SYSTEM ZUR ZEICHENERKENNUNG

Title (fr)

PROCEDE ET SYSTEME DE RECONNAISSANCE DE CARACTERES

Publication

EP 1743239 A4 20120711 (EN)

Application

EP 05743992 A 20050401

Priority

- US 55922604 P 20040401
- US 55889304 P 20040401
- US 55896804 P 20040401
- US 55886704 P 20040401
- US 55927804 P 20040401
- US 55927904 P 20040401
- US 55926504 P 20040401
- US 55927704 P 20040401
- US 55896904 P 20040401
- US 55889204 P 20040401
- US 55876004 P 20040401
- US 55871704 P 20040401
- US 55849904 P 20040401
- US 55837004 P 20040401
- US 55878904 P 20040401
- US 55879104 P 20040401
- US 55852704 P 20040401
- US 55912504 P 20040402
- US 55890904 P 20040402
- US 55903304 P 20040402
- US 55912704 P 20040402
- US 55908704 P 20040402
- US 55913104 P 20040402
- US 55976604 P 20040406
- US 56176804 P 20040412
- US 56352004 P 20040419
- US 56348504 P 20040419
- US 56468804 P 20040423
- US 56484604 P 20040423
- US 56666704 P 20040430
- US 57138104 P 20040514
- US 57156004 P 20040514
- US 57171504 P 20040517
- US 58920304 P 20040719
- US 58920104 P 20040719
- US 58920204 P 20040719
- US 60295604 P 20040818
- US 60292504 P 20040818
- US 60294704 P 20040818
- US 60289704 P 20040818
- US 60289604 P 20040818
- US 60293004 P 20040818
- US 60289804 P 20040818
- US 60346604 P 20040819
- US 60308204 P 20040819
- US 60308104 P 20040819
- US 60349804 P 20040820
- US 60335804 P 20040820
- US 60410304 P 20040823
- US 60409804 P 20040823
- US 60410004 P 20040823
- US 60410204 P 20040823
- US 60522904 P 20040827
- US 60510504 P 20040827
- US 61324304 P 20040927
- US 61362804 P 20040927
- US 61363204 P 20040927
- US 61358904 P 20040927
- US 61324204 P 20040927
- US 61360204 P 20040927
- US 61334004 P 20040927
- US 61363404 P 20040927
- US 61346104 P 20040927
- US 61345504 P 20040927
- US 61346004 P 20040927
- US 61340004 P 20040927
- US 61345604 P 20040927

- US 61334104 P 20040927
- US 61336104 P 20040927
- US 61345404 P 20040927
- US 61333904 P 20040927
- US 61363304 P 20040927
- US 61537804 P 20041001
- US 61511204 P 20041001
- US 61553804 P 20041001
- US 61712204 P 20041007
- US 62290604 P 20041028
- US 63345204 P 20041206
- US 63367804 P 20041206
- US 63348604 P 20041206
- US 63345304 P 20041206
- US 63462704 P 20041209
- US 63473904 P 20041209
- US 64768405 P 20050126
- US 64874605 P 20050131
- US 65337205 P 20050215
- US 65366305 P 20050216
- US 65366905 P 20050216
- US 65389905 P 20050216
- US 65367905 P 20050216
- US 65384705 P 20050216
- US 65437905 P 20050217
- US 65436805 P 20050218
- US 65432605 P 20050218
- US 65419605 P 20050218
- US 65527905 P 20050222
- US 65528005 P 20050222
- US 65598705 P 20050222
- US 65569705 P 20050222
- US 65528105 P 20050222
- US 65730905 P 20050228
- US 59882104 P 20040802
- US 2005011533 W 20050401

Abstract (en)

[origin: WO2005098609A2] A method and system for character recognition are described. In one embodiment, it may use matched sequences rather than character shape to determine a computer legible result.

IPC 8 full level

G06F 7/00 (2006.01); **G06F 17/30** (2006.01); **G06V 30/10** (2022.01)

CPC (source: EP US)

G06V 30/262 (2022.01 - EP US); **G06V 30/268** (2022.01 - EP US); **G06V 30/10** (2022.01 - EP US)

Citation (search report)

- [XII] US 6212299 B1 20010403 - YUGE RYOICHI [JP]
- [XI] BAHL, L.R.; COCKE, J.: "Font Independent Character Recognition by Cryptanalysis. August 1981.", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 24, no. 3, 1 August 1981 (1981-08-01), New York, US, pages 1588 - 1589, XP002676852
- [A] RAMESH, R. S. ET AL.: "An Automated Approach to Solve Simple Substitution Ciphers", CRYPTOLOGIA, vol. 17, no. 2, 1993, USA, pages 202 - 218, XP008152320
- [A] A. LAWRENCE SPITZ: "Shape-based word recognition", INTERNATIONAL JOURNAL OF DOCUMENT ANALYSIS AND RECOGNITION (IJДАР), vol. 1, no. 4, 1 May 1999 (1999-05-01), pages 178 - 190, XP055028522, ISSN: 1433-2833, DOI: 10.1007/s100320050017
- [XI] GEORGE NAGY ET AL.: "Decoding Substitution Ciphers by Means of Word Matching with Application to OCR", IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, IEEE SERVICE CENTER, LOS ALAMITOS, CA, US, vol. 30, no. 5, 1 September 1987 (1987-09-01), pages 710 - 715, XP011243056, ISSN: 0162-8828
- [A] P. WOOD ET AL.: "Implementing a faster string search algorithm in Ada", ACM SIGADA ADA LETTERS, vol. VIII, no. 3, 1 April 1988 (1988-04-01), pages 87 - 97, XP055028404, ISSN: 1094-3641, DOI: 10.1145/44772.44777
- [A] U. GARAIN ET AL.: "Compression of Scan-Digitized Indian Language Printed Text: A Soft Pattern Matching Technique", PROCEEDINGS OF THE 2003 ACM SYMPOSIUM ON DOCUMENT ENGINEERING, 1 January 2003 (2003-01-01), http://dl.acm.org/ft_gateway.cfm?id=958254&ftid=236585&dwn=1&CFID=105890450&CFTOKEN=56057519, pages 185 - 192, XP055028523, Retrieved from the Internet <URL:http://delivery.acm.org/10.1145/960000/958254/p185-garain.pdf?ip=145.64.134.245&acc=ACTIVE%20SERVICE&CFID=105890450&CFTOKEN=56057519&__acm__=1338392879_b9a5756ce48f8eecf619058a671131d7> [retrieved on 20120530]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2005098609 A2 20051020; WO 2005098609 A3 20070719; WO 2005098609 A8 20071025; WO 2005098609 A8 20071206;
EP 1743239 A2 20070117; EP 1743239 A4 20120711

DOCDB simple family (application)

US 2005011533 W 20050401; EP 05743992 A 20050401