

Title (en)

METHOD AND SYSTEM FOR COMPRESSING HANDWRITTEN CHARACTER TEMPLATES

Title (de)

VERFAHREN UND SYSTEM ZUM KOMPRIMIEREN VON VORLAGEN HANDSCHRIFTLICHER ZEICHEN

Title (fr)

PROCEDE ET SYSTEME PERMETTANT DE COMPRESSER DES PATRONS DE CARACTERES MANUSCRITS

Publication

EP 1668568 A2 20060614 (EN)

Application

EP 04784422 A 20040917

Priority

- US 2004030554 W 20040917
- CN 03125573 A 20030929

Abstract (en)

[origin: WO2005034026A2] A method and system for compressing handwritten character templates. The system includes a codebook generator module (105) for generating a codebook (125). The codebook (125) includes vectors defining the centers of clusters (115) of uncompressed model character feature vectors (110) provided from model character templates. A template compression module (120) is connected to the codebook generator module (105) for comparing the uncompressed model character feature vectors (110) with the codebook (125) to provide compressed templates of model characters (135). Optionally, a template matching module (140) is connected to the template compression module (120) for providing candidate characters (150) by comparing the distances between uncompressed input character feature vectors (130) and the model character templates.

IPC 1-7

G06K 9/62; **G06K 9/46**

IPC 8 full level

G06V 30/224 (2022.01)

CPC (source: EP KR US)

G06F 3/00 (2013.01 - KR); **G06F 9/06** (2013.01 - KR); **G06F 18/23213** (2023.01 - EP); **G06V 10/763** (2022.01 - EP US); **G06V 30/1914** (2022.01 - EP US); **G06V 30/226** (2022.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 2005034026 A2 20050414; **WO 2005034026 A3 20050602**; CN 1303563 C 20070307; CN 1604124 A 20050406; EP 1668568 A2 20060614; EP 1668568 A4 20120208; KR 20060056408 A 20060524; RU 2006114780 A 20071110

DOCDB simple family (application)

US 2004030554 W 20040917; CN 03125573 A 20030929; EP 04784422 A 20040917; KR 20067006168 A 20060329; RU 2006114780 A 20040917