

Title (en)
HANDWRITING AND VOICE INPUT WITH AUTOMATIC CORRECTION

Title (de)
HANDSCHRIFTLICHE UND STIMMEINGABE MIT AUTOMATISCHER KORREKTUR

Title (fr)
SAISIE MANUSCRITE ET VOCALE A CORRECTION AUTOMATIQUE

Publication
EP 1714234 A2 20061025 (EN)

Application
EP 05722955 A 20050208

Priority

- US 2005004359 W 20050208
- US 54417004 P 20040211
- US 4350605 A 20050125
- US 4352505 A 20050125

Abstract (en)
[origin: WO2005077098A2] A hybrid approach to improve handwriting recognition and voice recognition in data process systems is disclosed. In one embodiment, a front end is used to recognize strokes, characters and/or phonemes. The front end returns candidates with relative or absolute probabilities of matching to the input. Based on linguistic characteristics of the language, e.g. alphabetical or ideographic language for the words being entered, e.g. frequency of words and phrases being used, likely part of speech of the word entered, the morphology of the language, or the context in which the word is entered), a back end combines the candidates determined by the front end from inputs for words to match with known words and the probabilities of the use of such words in the current context.

IPC 8 full level
G06K 9/00 (2006.01); **G06K 9/18** (2006.01); **G06V 30/224** (2022.01); **G10L 15/18** (2013.01); **G10L 15/32** (2013.01); **G06V 30/10** (2022.01)

CPC (source: EP KR US)
G06V 30/224 (2022.01 - KR); **G06V 30/268** (2022.01 - EP US); **G10L 15/06** (2013.01 - KR); **G06V 30/10** (2022.01 - EP US)

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 2005077098 A2 20050825; WO 2005077098 A3 20051103; WO 2005077098 A8 20070510; WO 2005077098 B1 20051208;
AU 2005211782 A1 20050825; AU 2005211782 B2 20090122; BR PI0507577 A 20070703; CA 2556065 A1 20050825; CA 2556065 C 20120703;
CN 1918578 A 20070221; CN 1918578 B 20120502; EP 1714234 A2 20061025; EP 1714234 A4 20120321; JP 2007524949 A 20070830;
KR 100912753 B1 20090818; KR 20070090075 A 20070905; TW 200538969 A 20051201

DOCDB simple family (application)
US 2005004359 W 20050208; AU 2005211782 A 20050208; BR PI0507577 A 20050208; CA 2556065 A 20050208;
CN 200580004623 A 20050208; EP 05722955 A 20050208; JP 2006553258 A 20050208; KR 20067018544 A 20060911;
TW 94103440 A 20050203