

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

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Appication
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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
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Citation (search report)

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CN 1918578 A 20070221; CN 1918578 B 20120502; EP 1714234 A2 20061025; EP 1714234 A4 20120321; JP 2007524949 A 20070830;
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TW 94103440 A 20050203