Title (en)

TOUCH-TYPABLE DEVICES BASED ON AMBIGUOUS CODES AND METHODS TO DESIGN SUCH DEVICES

Title (de)

BERÜHRUNGSEMPFINDLICHE VORRICHTUNGEN UNTER VERWENDUNG VON MEHRDEUTUGEN KODEN UND VERFAHREN ZU IHREM ENTWURF

Title (fr)

DISPOSITIFS A FRAPPE A SIMPLE TOUCHER DONT LE FONCTIONNEMENT EST FONDE SUR DES CODES AMBIGUS, ET PROCEDES DE CONCEPTION DE TELS DISPOSITIFS

Publication

EP 1145434 A4 20060628 (EN)

Application

EP 99964211 A 19991209

Priority

- US 9929343 W 19991209
- US 11166598 P 19981210

Abstract (en)

[origin: WO0035091A1] The design of typable devices (6005), in particular, touch-typable devices (6005) embodying ambiguous codes (6001), presents numerous ergonomic problems. Solutions for these problems are herein disclosed. This invention teaches methods for the selection of ambiguous codes (6001) from the classes of strongly-touch-typable ambigous codes (6001) and substantially optimal ambiguous codes (6001) for touch-typable devices such as computers, telephones, pagers, personal digital assistants, smart cards, television set-top devices and other information appliances, given design constraints such as the size, shape, and computational capacity of the device, the typical uses of the device, and conventional contraints such as respect of alphabetic ordering or Qwerty ordering.

IPC 8 full level

G06F 3/02 (2006.01); **G06F 15/00** (2006.01); **A44B 9/10** (2006.01); **G06F 3/023** (2006.01); **H03M 11/04** (2006.01); **H03M 11/22** (2006.01)

CPC (source: EP KR)

B41J 5/08 (2013.01 - KR); **G06F 3/023** (2013.01 - KR); **G06F 3/0237** (2013.01 - EP KR); **G09G 5/00** (2013.01 - KR); **H03K 17/94** (2013.01 - KR); **H03M 11/04** (2013.01 - KR); **H03M 11/22** (2013.01 - KR); **H04M 11/00** (2013.01 - KR)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 0035091A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0035091 A1 20000615; AU 2049900 A 20000626; AU 760655 B2 20030522; BR 9916073 A 20010904; CA 2353862 A1 20000615; CA 2353862 C 20071113; CN 1218233 C 20050907; CN 1330810 A 20020109; EA 004128 B1 20031225; EA 200100629 A1 20011224; EP 1145434 A1 20011017; EP 1145434 A4 20060628; HK 1041121 A1 20020628; HK 1041121 B 20060203; JP 2002532792 A 20021002; JP 2010152925 A 20100708; KR 100776275 B1 20071113; KR 20010093812 A 20011029; ZA 200104509 B 20020902; ZA 200104511 B 20020902

DOCDB simple family (application)

US 9929343 W 19991209; AU 2049900 A 19991209; BR 9916073 A 19991209; CA 2353862 A 19991209; CN 99814191 A 19991209; EA 200100629 A 19991209; EP 99964211 A 19991209; HK 02102894 A 20020417; JP 2000587443 A 19991209; JP 2010048163 A 20100304; KR 20017007214 A 20010609; ZA 200104509 A 20010531; ZA 200104511 A 20010531