

Title (en)

MULTI-TOUCH INPUT DEVICE, METHOD AND SYSTEM THAT MINIMIZE THE NEED FOR MEMORIZATION

Title (de)

MEHRTASTEINGANGSVORRICHTUNG UND VERFAHREN UND SYSTEM ZUR MINIMIERUNG DES SPEICHERBEDARFS

Title (fr)

DISPOSITIF D'ENTREE MULTI-EFFLEUREMENT, PROCEDE ET SYSTEME MINIMISANT LES BESOINS DE MEMORISATION

Publication

EP 0861485 A1 19980902 (EN)

Application

EP 96941390 A 19961118

Priority

- US 9618517 W 19961118
- US 55902395 A 19951116
- US 67209396 A 19960627
- US 2598296 P 19960909

Abstract (en)

[origin: WO9718547A1] A multi-touch input device, method and system are provided that minimize the need for memorization on the part of the user. Information is input to an electronic device (520, 620) using a pad (510, 610) having a pad surface (300), which pad distinguishes multiple simultaneous touches. Input steps includes: forming marking in relation to the pad surface, the markings including textual elements; a user, with the user's hand, touching one digit of the hand to a first area of the pad surface bearing a marking corresponding to desired textual element that the user desires to input and, at substantially the same time, touching another digit of the hand to a second area of the pad surface identified by the user by its occupying a predetermined position relative to the first area; detecting the first and second areas touched by the user; and inputting the desired textual element.

IPC 1-7

G09G 5/00

IPC 8 full level

G06F 3/023 (2006.01); **G06F 3/033** (2006.01); **G06F 3/048** (2006.01); **G06F 3/0488** (2013.01); **H03M 11/08** (2006.01)

CPC (source: EP US)

G06F 3/0235 (2013.01 - EP); **G06F 3/044** (2013.01 - EP US); **G06F 3/04883** (2013.01 - EP); **G06F 2203/04104** (2013.01 - EP); **G06F 2203/04808** (2013.01 - EP)

Citation (search report)

See references of WO 9718547A1

Designated contracting state (EPC)

DE DK FR GB IT NL

DOCDB simple family (publication)

WO 9718547 A1 19970522; EP 0861485 A1 19980902; JP 2000501526 A 20000208

DOCDB simple family (application)

US 9618517 W 19961118; EP 96941390 A 19961118; JP 51915197 A 19961118