

Title (en)

A SYSTEM AND METHOD FOR OPERATING AN ELECTRONIC READING DEVICE USER INTERFACE

Title (de)

SYSTEM UND VERFAHREN ZUM BETREIBEN EINER BENUTZERSCHNITTSTELLE MIT EINER ELEKTRONISCHEN LESEVORRICHTUNG

Title (fr)

SYSTEME ET PROCEDE D'UTILISATION D'UNE INTERFACE UTILISATEUR D'APPAREIL DE LECTURE ELECTRONIQUE

Publication

**EP 1256048 A2 20021113 (EN)**

Application

**EP 01913802 A 20010209**

Priority

- EP 0101400 W 20010209
- US 18274200 P 20000216
- US 19034300 P 20000316
- US 19266200 P 20000328
- US 70350600 A 20001031
- US 70348000 A 20001031

Abstract (en)

[origin: WO0161450A2] A method and system for operating a user interface uses an electronic reading device to detect a portion of an address pattern. A client device receives data identifying the detected portion of the address pattern and uses the data to request a corresponding application description. The request is sent to an application server that retrieves the corresponding application description and forwards it to the client device. The application description includes an address pattern grid description that is further forwarded to the electronic reading device. The electronic reading device stores the grid description and uses it to identify positions corresponding to successively detected portions of the address pattern, to determine whether the positions are within the current grid description, to generate strokes from the positions, and to initiate actions based on the generated strokes. Action data is then sent to the client device, which processes the data in accordance with the application description. In addition, by pre-establishing certain groupings of positions, positions detected by the electronic reading device that are within the same grouping can be manipulated in a consistent manner.

IPC 1-7

**G06F 3/033**

IPC 8 full level

**B41J 2/315** (2006.01); **B41J 3/36** (2006.01); **B41J 29/393** (2006.01); **G06F 3/00** (2006.01); **G06F 3/01** (2006.01); **G06F 3/03** (2006.01); **G06F 3/0354** (2013.01); **G06F 3/038** (2013.01); **G06F 9/46** (2006.01); **G06F 17/30** (2006.01); **H04N 1/00** (2006.01); **H04W 4/00** (2018.01); **H04W 92/08** (2009.01)

CPC (source: EP)

**B41J 2/315** (2013.01); **B41J 3/36** (2013.01); **B41J 29/393** (2013.01); **G06F 3/016** (2013.01); **G06F 3/0321** (2013.01); **G06F 3/03545** (2013.01); **G06F 3/038** (2013.01); **G06F 9/465** (2013.01); **G06F 16/955** (2018.12); **H04N 1/00307** (2013.01); **H04N 1/107** (2013.01); **H04W 4/00** (2013.01); **H04W 92/08** (2013.01)

Citation (search report)

See references of WO 0161450A2

Citation (examination)

- US 5852434 A 19981222 - SEKENDUR ORAL F [US]
- US 6072917 A 20000606 - MORI TAKESHI [JP], et al
- DYMETMAN M ET AL: "Intelligent Paper", LECTURE NOTES IN COMPUTER SCIENCE/COMPUTATIONAL SCIENCE > (EUROCRYPT )CHES 2002, SPRINGER, DE, vol. 1375, 30 March 1998 (1998-03-30), pages 392 - 406, XP002328425, ISBN: 978-3-540-24128-7, DOI: 10.1007/BFB0053286

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0161450 A2 20010823**; **WO 0161450 A3 20020110**; AU 3925401 A 20010827; EP 1256048 A2 20021113

DOCDB simple family (application)

**EP 0101400 W 20010209**; AU 3925401 A 20010209; EP 01913802 A 20010209