

Title (en)

PORTABLE DATA ENTRY DEVICE WITH A DETACHABLE HOST PDA

Title (de)

TRAGBARES DATENEINGABEGERÄT MIT ABNEHMBAREM HOST-PDA

Title (fr)

DISPOSITIF PORTATIF DE SAISIE DE DONNEES AVEC ASSISTANT PERSONNEL NUMERIQUE AMOVIBLE

Publication

EP 1530866 A4 20090916 (EN)

Application

EP 03788519 A 20030814

Priority

- US 0325577 W 20030814
- US 40410402 P 20020815

Abstract (en)

[origin: WO2004017613A1] An apparatus and method are disclosed that can adapt off-the shelf PDA devices (90) to user input/output applications such as data entry applications and cellular phone applications. The resulting apparatus (10) may be sized and shaped to be durable and facilitate handheld operation when the user is mobile during use. The apparatus provides features required for portable data entry such as key entry, barcode scanning, radio frequency identification, and wireless local area network (LAN) as well as wide area network (WAN) communications. The apparatus may be operated (a) in a slave mode with inclusion of a PDA device (90) for use in certain input/output operations that are processor intensive as well as (b) in a stand-alone mode without inclusion of a PDA device (90) for use in certain other input/output operations that are not processor intensive.

IPC 1-7

H04M 1/00

IPC 8 full level

G06F 1/16 (2006.01); **H04M 1/02** (2006.01); **H04M 1/72409** (2021.01); **H04M 1/725** (2006.01)

CPC (source: EP US)

G06F 1/1632 (2013.01 - EP); **H04M 1/0254** (2013.01 - EP); **H04M 1/72409** (2021.01 - EP US)

Citation (search report)

- [X] EP 0704788 A2 19960403 - AT & T CORP [US]
- [X] US 6240302 B1 20010529 - HARRISON DANA C [US]
- [XA] WO 0209023 A1 20020131 - PSC SCANNING INC [US]
- [A] US 5832388 A 19981103 - WILLIAMS DANIEL L [US], et al
- See references of WO 2004017613A1

Designated contracting state (EPC)

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DOCDB simple family (application)

US 0325577 W 20030814; AU 2003259849 A 20030814; CN 03824234 A 20030814; CN 201310149695 A 20030814; EP 03788519 A 20030814; JP 2004529452 A 20030814