

Title (en)
SYSTEM AND METHOD FOR PROCESSING RAW DATA OF TRACK PAD DEVICE

Title (de)
SYSTEM UND VERFAHREN ZUR VERARBEITUNG VON ROHDATEN EINER TRACKPADVORRICHTUNG

Title (fr)
SYSTEME ET PROCEDE DE TRAITEMENT DE DONNEES BRUTES D'UN DISPOSITIF DE PAVE TACTILE

Publication
EP 1924900 A1 20080528 (EN)

Application
EP 06789732 A 20060811

Priority

- US 2006031524 W 20060811
- US 2005033255 W 20050915
- US 23229905 A 20050921

Abstract (en)
[origin: WO2007037806A1] An input device and system are described that acquires (measures) raw track pad sensor data and transmits this data to a host computer where it is analyzed by an application executing on one or more host computer central processing units. The resulting input processing architecture provides a track pad input device that is both lower in cost to manufacture and more flexible than prior art track pad input devices. Lower costs may be realized by eliminating the prior art's dedicated track pad hardware for processing sensor data (e.g., a processor and associated firmware memory). Increased flexibility may be realized by providing feature set functionality via software that executes on the host computer. In this architecture, track pad functionality may be modified, updated, and enhanced through software upgrade procedures.

IPC 8 full level
G06F 3/038 (2006.01); **G06F 3/044** (2006.01); **G06F 3/0488** (2013.01)

CPC (source: EP US)
G06F 3/0446 (2019.04 - EP US); **G06F 3/04883** (2013.01 - EP US); **G06F 2203/04808** (2013.01 - EP)

Citation (search report)
See references of WO 2007037806A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007037806 A1 20070405; CN 101243382 A 20080813; CN 101243382 B 20130130; CN 102841713 A 20121226;
EP 1924900 A1 20080528; JP 2009523267 A 20090618; JP 2013069350 A 20130418

DOCDB simple family (application)
US 2006031524 W 20060811; CN 200680030234 A 20060811; CN 201210141634 A 20060811; EP 06789732 A 20060811;
JP 2008531105 A 20060811; JP 2013011333 A 20130124