

Title (en)
RAW DATA TRACK PAD DEVICE AND SYSTEM

Title (de)
ROHDATEN-SPUR-PAD-EINRICHTUNG UND -SYSTEM

Title (fr)
DISPOSITIF ET SYSTEME DE PAVE TACTILE PERMETTANT D'ACQUERIR DES DONNEES BRUTES

Publication
EP 1805587 A1 20070711 (EN)

Application
EP 05796332 A 20050915

Priority
• US 2005033255 W 20050915
• US 94906004 A 20040924

Abstract (en)
[origin: WO2006036607A1] 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 3/048** (2006.01); **G06F 3/0488** (2013.01)

CPC (source: EP US)
G06F 3/04166 (2019.04 - EP); **G06F 3/044** (2013.01 - EP US)

Citation (search report)
See references of WO 2006036607A1

Citation (examination)
US 5543588 A 19960806 - BISSET STEPHEN [US], et al

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 2006036607 A1 20060406; CN 101027631 A 20070829; CN 101027631 B 20140903; EP 1805587 A1 20070711;
JP 2008515052 A 20080508

DOCDB simple family (application)
US 2005033255 W 20050915; CN 200580032179 A 20050915; EP 05796332 A 20050915; JP 2007533559 A 20050915