

Title (en)

Peripheral device for a data processing system

Title (de)

Peripheriegerät für ein Datenverarbeitungssystem

Title (fr)

Péphérique destiné à un système de traitement de données

Publication

**EP 1535139 B8 20070207 (EN)**

Application

**EP 03763894 A 20030710**

Priority

- EP 03763894 A 20030710
- EP 0308477 W 20030710
- EP 02368076 A 20020711

Abstract (en)

[origin: US2005219217A1] A peripheral device ( 320 ) for use in a data processing system ( 300 ) is proposed. The peripheral device includes a panel ( 320 ) carrying a mechanical keyboard ( 330 ) and a touch-screen ( 335 ) on opposed surfaces. The panel may be turned upside down, so as to make available either the keyboard or the touch-screen. In this way, the keyboard may be used when working with applications doing ordinary computing work; in addition, the touch-screen may be used as an alternative input/output unit that is configurable to meet the needs of different applications. For example, the touch-screen displays a colored console when playing games, a navigation toolbar when surfing on the INTERNET, a piano keyboard when playing music, and so on.

IPC 8 full level

**G06F 3/00** (2006.01); **G06F 1/16** (2006.01); **G06F 3/02** (2006.01); **G06F 3/023** (2006.01); **G06F 3/0488** (2013.01)

CPC (source: EP US)

**G06F 1/1616** (2013.01 - EP US); **G06F 1/1662** (2013.01 - EP US); **G06F 1/1692** (2013.01 - EP US); **G06F 3/0202** (2013.01 - EP US);  
**G06F 3/0213** (2013.01 - EP US); **G06F 3/023** (2013.01 - EP US); **G06F 3/0486** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004008301 A2 20040122**; **WO 2004008301 A3 20040916**; AT E346334 T1 20061215; AU 2003251675 A1 20040202;  
AU 2003251675 A8 20040202; CN 1668991 A 20050914; DE 60309889 D1 20070104; DE 60309889 T2 20070531; EP 1535139 A2 20050601;  
EP 1535139 B1 20061122; EP 1535139 B8 20070207; JP 2006505026 A 20060209; US 2005219217 A1 20051006

DOCDB simple family (application)

**EP 0308477 W 20030710**; AT 03763894 T 20030710; AU 2003251675 A 20030710; CN 03816508 A 20030710; DE 60309889 T 20030710;  
EP 03763894 A 20030710; JP 2004520668 A 20030710; US 52110805 A 20050111