

Title (en)
INPUT DEVICE, PARTICULARLY COMPUTER MOUSE

Title (de)
EINGABEEINRICHTUNG, INSBESONDERE COMPUTERMAUS

Title (fr)
PÉRIPHÉRIQUE D'ENTRÉE, EN PARTICULIER SOURIS D'ORDINATEUR

Publication
EP 2193424 A2 20100609 (DE)

Application
EP 08801640 A 20080820

Priority

- EP 2008006860 W 20080820
- DE 102007039163 A 20070820
- DE 202007017303 U 20071212

Abstract (en)
[origin: WO2009024339A2] The invention relates to an input device for an electronic data processing system. The aim of the invention is to provide a solution for considerably facilitating mouse oriented input operations during the use of electronic data processing devices. According to the invention, the aim is solved by a computer mouse with a housing device and a displacement detection device for generating control data, correlating with the displacement of the housing device into a X- and a Y-axial direction, and a hand detection device for generating control data, correlation with the position and/or the finger movements of a hand compared to the housing device before the computer mouse is gripped. Thus, an advantageous way is provided, to perform input operations with a computer mouse, particularly cursor control, in an improved way in an intuitively good way.

IPC 8 full level
G06F 3/033 (2006.01); **G06F 3/0354** (2013.01); **G06F 3/041** (2006.01)

CPC (source: EP KR US)
G06F 3/017 (2013.01 - EP KR US); **G06F 3/0346** (2013.01 - KR); **G06F 3/03543** (2013.01 - EP KR US); **G06F 3/038** (2013.01 - KR); **G06F 3/041** (2013.01 - KR US)

Citation (search report)
See references of WO 2009024339A2

Citation (examination)
DE 19503203 A1 19950810 - MASSACHUSETTS INST TECHNOLOGY [US]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 202007017303 U1 20080410; EP 2193424 A2 20100609; JP 2011505603 A 20110224; JP 5485154 B2 20140507; KR 20100055500 A 20100526; US 10048759 B2 20180814; US 2010001955 A1 20100107; WO 2009024339 A2 20090226; WO 2009024339 A3 20091223

DOCDB simple family (application)
DE 202007017303 U 20071212; EP 08801640 A 20080820; EP 2008006860 W 20080820; JP 2010521359 A 20080820; KR 20107006180 A 20080820; US 51727908 A 20080820