

Title (en)  
COMBINED MOUSE

Title (de)  
KOMBI-MAUS

Title (fr)  
SOURIS MIXTE

Publication  
**EP 1101189 A2 20010523 (DE)**

Application  
**EP 99950480 A 19990803**

Priority  
• DE 9902358 W 19990803  
• DE 19835809 A 19980807

Abstract (en)  
[origin: DE19835809A1] The invention relates to a combined mouse (1) for detecting movement and reading information. Said mouse comprises a motion detector (2) that detects its position in relation to its surface (4) continuously or at predetermined intervals when a movement is carried out and converts it into an electronic signal containing information regarding said movement. The combined mouse also comprises a computer unit (16) converting the electronic signals of the motion detector (2) into position indications in a two-dimensional and/or three-dimensional visual system, approximately in the position of a cursor on a screen, in addition to an optical unit (3) that detects the surfaces containing visual information such as alphanumeric characters, graphic characters or photographic images marked by the reflected light of a radiation source (27) and displays said information on an image sensor (22) that transforms the light into a sequence of electronic signals and supplies said light to a signal processing unit (31) for electronic processing. The signals generated by the motion detector (2) can be used to synchronize the image information detected by the image sensor (3).

IPC 1-7  
**G06K 11/18**

IPC 8 full level  
**G06F 3/03** (2006.01); **G06F 3/033** (2006.01); **G06F 3/0354** (2013.01)

CPC (source: EP)  
**G06F 3/0317** (2013.01); **G06F 3/03543** (2013.01)

Citation (search report)  
See references of WO 0008593A2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 19835809 A1 20000210**; AU 6324999 A 20000228; EP 1101189 A2 20010523; WO 0008593 A2 20000217; WO 0008593 A3 20000525

DOCDB simple family (application)  
**DE 19835809 A 19980807**; AU 6324999 A 19990803; DE 9902358 W 19990803; EP 99950480 A 19990803