

Title (en)

INPUT DEVICE AND METHOD FOR THE OPERATION THEREOF

Title (de)

EINGABEVORRICHTUNG UND VERFAHREN ZUM BETRIEB DERSELBEN

Title (fr)

DISPOSITIF D'ENTREE DE DONNEES

Publication

**EP 1834229 A2 20070919 (DE)**

Application

**EP 05785201 A 20050921**

Priority

- EP 2005010221 W 20050921
- US 64041104 P 20041230

Abstract (en)

[origin: US2006146036A1] An input device, especially for a vehicle, comprises a display to display an operating element, a touchscreen arranged above the display for recognition of the position of touching of an operating surface of the touchscreen, a force sensor connected to the touchscreen for measurement of the force exerted on the operating surface of the touchscreen, and a control to generate a warning during touching of the operating surface of the touchscreen in the region of display of the operating element or during pressing on the operating surface of the touchscreen in the region of display of the operating element, and to generate a control command assigned to the operating element, if, after generation of the warning, a force that exceeds a force limit value is exerted on the operating surface.

IPC 8 full level

**G06F 3/00** (2006.01); **G06F 3/033** (2006.01); **G06F 3/041** (2006.01)

CPC (source: EP US)

**G06F 3/016** (2013.01 - EP US); **G06F 3/0488** (2013.01 - EP US)

Citation (search report)

See references of WO 2006074712A2

Citation (examination)

- US 2004075676 A1 20040422 - ROSENBERG LOUIS B [US], et al
- JP H09167541 A 19970624 - IDEC IZUMI CORP
- JP 2003058321 A 20030228 - FUJI XEROX CO LTD
- JP H04137419 A 19920512 - RICOH DENSHI CO LTD
- US 2002033795 A1 20020321 - SHAHOIAN ERIK J [US], et al

Cited by

CN103298641A

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)

**US 2006146036 A1 20060706; US 8599142 B2 20131203;** EP 1834229 A2 20070919; WO 2006074712 A2 20060720;  
WO 2006074712 A3 20061116

DOCDB simple family (application)

**US 32203505 A 20051229;** EP 05785201 A 20050921; EP 2005010221 W 20050921