

Title (en)  
Multidirectional input device

Title (de)  
Multidirektionelle Eingabevorrichtung

Title (fr)  
Dispositif d'entrée multidirectionnel

Publication  
**EP 1708219 B1 20080903 (EN)**

Application  
**EP 06004628 A 20060307**

Priority  
JP 2005103095 A 20050331

Abstract (en)  
[origin: EP1708219A1] A multidirectional input device includes an operating body capable of rocking in first and second directions, which are perpendicular to each other; a guide member (16) having an opening (18) through which an engaging protrusion (11) provided at the operating body is inserted; and detecting units that detect the moving of the operating body in the first and second directions. In the multidirectional input device, the engaging protrusion has four outer walls extending in the first and second directions respectively with a guided part (11b) interposed at the center thereof, and the opening has four inner walls extending in the first and second directions respectively with a guiding part (18a) interposed at the center thereof. The guided part is concavo-convexly engaged with the guiding part so that the engaging protrusion is guided in the first and second directions.

IPC 8 full level  
**H01H 25/04** (2006.01); **G05G 9/047** (2006.01)

CPC (source: EP)  
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Cited by  
CN107658172A; US11869732B2; WO2022000714A1; WO2008138491A1; WO2022223116A1; DE102022126959B3

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