

Title (en)

POSITION SENSOR WITH MAGNET AND HALL EFFECT SENSOR FOR USER INPUT DEVICE ON A POWER MACHINE

Title (de)

POSITIONSSENSOR MIT HALL-EFFEKT-SENSOR UND MAGNET FÜR EINGABEGERÄT EINER ARBEITSMASCHINE

Title (fr)

DETECTEUR DE POSITION A AIMANT ET EFFET HALL POUR DISPOSITIF DE COMMANDE UTILISATEUR SUR UNE MACHINE MOTRICE

Publication

**EP 1228346 A1 20020807 (EN)**

Application

**EP 00970919 A 20001013**

Priority

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Abstract (en)

[origin: WO0129515A1] A user input device (102) receives a user input on a power machine (10). The user input device (102) includes a housing and a Hall Effect sensor (104) disposed on the housing. A magnetic element is movably disposed relative to the Hall Effect sensor (104). A handle, lever or foot pedal is operably coupled to the magnetic element such that operator actuation of the operator actuatable input device causes movement of the magnetic element relative to the Hall Effect sensor (104). The Hall Effect sensor (104) provides an output signal indicative of such movement, and of the position of the magnet with respect to the Hall element.

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**G01D 5/14**; **G01B 7/00**

IPC 8 full level

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CPC (source: EP KR)

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