

Title (en)
COMPUTER INPUT DEVICE

Title (de)
COMPUTEREINGABEVORRICHTUNG

Title (fr)
DISPOSITIF DE SAISIE INFORMATIQUE

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Application
EP 99932681 A 19990712

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Abstract (en)
[origin: WO0004490A2] The invention relates to a computer input device comprising an elongated housing having at one end rotary means capable of being moved relative to a substrate, and optical detection means for detecting the movement of the rotary means, said detection means being disposed inside said housing, wherein the rotary means comprises at least two rotary members arranged in a stacked configuration and that a first rotary member displays a surface of high friction material for contact with the substrate and the second rotary member displays an optical detection surface for optical detection of the surface movement. The first rotary member can rotate against the substrate and transform this rotation to the second rotary member. The rotation of the second rotary member is then detected by the optical detection means. Hereby, both the requirements concerning high friction against the substrate of the first rotary member and the optical detection surface of the second member have been solved.

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