

Title (en)  
Control key mechanism.

Title (de)  
Steuerungstastenmechanismus.

Title (fr)  
Mécanisme à touche de commande.

Publication  
**EP 0581583 A3 19941130 (EN)**

Application  
**EP 93305955 A 19930728**

Priority  
• JP 5947392 U 19920731  
• JP 6403192 U 19920818

Abstract (en)  
[origin: EP0581583A2] A control key mechanism includes a circuit board (3) having contact points, each contact point used to indicate one of predetermined directions of movement of a character; a key top member (2, 32) arranged within an opening of a housing of the circuit board, the key top member having a plurality of direction portions each of which can be depressed to indicate one of the predetermined directions of movement of the character, the key top member having a downwardly projecting hemispherical portion (21) at the center of the bottom thereof; and a flexible member (4) having a plurality of flexible portions arranged on the circuit board for supporting the key top member, each flexible portion having a depressing portion (41), the depressing portion subjecting the circuit to electrical conduction at the corresponding contact point when the corresponding direction portion of the key top member is depressed, wherein the hemispherical portion of the key top member is in contact with the circuit board, and wherein peripheral portions of the bottom surface of the key top member are supported by the flexible portions. <IMAGE>

IPC 1-7  
**H01H 25/04**

IPC 8 full level  
**H01H 25/04** (2006.01)

CPC (source: EP)  
**H01H 25/041** (2013.01)

Citation (search report)  
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