

Title (en)
Press-to-operate input device

Title (de)
Auf Knopfdruck betriebene Eingabevorrichtung

Title (fr)
Dispositif d'entrée de bouton-poussoir

Publication
EP 2299463 B1 20121226 (EN)

Application
EP 10176579 A 20100914

Priority
JP 2009217229 A 20090918

Abstract (en)
[origin: EP2299463A2] An input device (10) includes push switches (1) allowing depressions to shallow and deep levels. Operation keys (2) of the push switches (1) are arranged in a line and exposed in an opening (8b) of a top panel (8a). A strip-like guide surface (8d) provided on the top panel (8a) forms a top surface of a ridge (8c) and extends along the line of the operation keys (2) and along one-side ends (2a) of the operation keys (2). The strip-like guide surface (8d) allows a user' finger (F) placed thereon to depress any operation key (2). The push switches (1) are each in a shallowly depressed state when at least a central part of the one-side end (2a) of the corresponding operation key (2) is flush with or projects relative to the strip-like guide surface (8d), and in a deeply depressed state when the one-side end (2a) of the operation key (2) is below the strip-like guide surface (8d).

IPC 8 full level
H01H 13/807 (2006.01)

CPC (source: EP)
H01H 13/807 (2013.01); **H01H 2225/01** (2013.01); **H01H 2225/018** (2013.01); **H01H 2231/026** (2013.01); **H01H 2239/064** (2013.01); **H01H 2239/074** (2013.01)

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EP 2299463 A2 20110323; EP 2299463 A3 20120328; EP 2299463 B1 20121226; JP 2011065938 A 20110331; JP 5345489 B2 20131120

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