

Title (en)
Buffering protective handheld controller

Title (de)
Stossabsorbierende tragbare Steuerungseinrichtung

Title (fr)
Dispositif de commande portatif absorbant les chocs

Publication
EP 1560238 A1 20050803 (EN)

Application
EP 04001665 A 20040127

Priority
EP 04001665 A 20040127

Abstract (en)
A buffering protective handheld controller, mainly with a buffering protective configuration for direction button and a number of functional buttons on one side of the main unit. The user is allowed to have greater touch area and more comfortability when pressing the button. In addition, under a long period of button-pressing time, the user has finger contact with surrounding buffering devices to reduce pressure. It composes a multiple-layer cushion as a protective mechanism. Further, the handheld main unit has the rigid plastic base in an appropriate hollow shape, which may be enclosed by a sticking soft pad with a proper size. Thus, it can provide a cushion air-bag effect and fits the user's palm in any shape and any size. Particularly, because the user can hold the unit with a firm grasp by fingers, the grasping force is minimized during use. <IMAGE>

IPC 1-7
H01H 13/70; G05G 9/047; H01H 25/04

IPC 8 full level
G05G 9/047 (2006.01); **H01H 13/70** (2006.01); **H01H 25/04** (2006.01)

CPC (source: EP)
G05G 9/04788 (2013.01); **H01H 13/70** (2013.01); **H01H 25/04** (2013.01); **G05G 2009/04744** (2013.01); **H01H 2217/016** (2013.01); **H01H 2217/044** (2013.01); **H01H 2221/062** (2013.01); **H01H 2221/084** (2013.01)

Citation (search report)
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CN104383682A

Designated contracting state (EPC)
DE ES FR GB IT NL

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EP 1560238 A1 20050803; **EP 1560238 B1 20070228**; DE 602004004999 D1 20070412; DE 602004004999 T2 20071122; ES 2282740 T3 20071016

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