

Title (en)
Input device with a hollow handle

Title (de)
Eingabevorrichtung mit einem hohlen Handgriff

Title (fr)
Dispositif d'entrée avec une poignée creuse

Publication
EP 1283457 A1 20030212 (EN)

Application
EP 01118763 A 20010808

Priority
EP 01118763 A 20010808

Abstract (en)
The input device comprises a support (1) and a movable, hollow handle (2). A column (3) extends from the support into the handle (2), and an elastic coupling comprising a plurality of springs (5a, 5b, 5c) is arranged between the upper end of the column (3) and the handle (2). The position of the handle is determined by a measurement of the inductances of the springs (5a, 5b, 5c). The springs (5a, 5b, 5c) and measuring circuitry are fully enclosed by the handle and thereby protected by it. A plurality of stops within the handle restrict the movements in all degrees of freedom. <IMAGE>

IPC 1-7
G05G 9/047

IPC 8 full level
G05G 9/047 (2006.01)

CPC (source: EP)
G05G 9/047 (2013.01); **G05G 9/04737** (2013.01); **G05G 2009/04751** (2013.01); **G05G 2009/04755** (2013.01)

Citation (applicant)
WO 9825193 A1 19980611 - SUNDIN MARTIN [CH]

Citation (search report)
• [Y] US 4736640 A 19880412 - HOOKS MARK M [US]
• [Y] US 4091234 A 19780523 - BRISTOW STEPHEN D
• [A] DE 19503615 A1 19950817 - GENGE & THOMA AG [CH]
• [A] US 5798748 A 19980825 - HILTON JOHN [US], et al

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