

Title (en)
Combined control-type electronic component

Title (de)
Kombinierte elektronische Kontroll Komponente

Title (fr)
Élément de controle électronique combiné

Publication
EP 1094483 A3 20010523 (EN)

Application
EP 00122733 A 20001018

Priority
JP 29628699 A 19991019

Abstract (en)
[origin: EP1094483A2] There is provided a combined control-type electronic component which has a base made of resin to be installed on a circuit board. Installed on the base are a push switch unit, a rotary encoder unit which generates signals when a roller is turned, and externally connecting terminals which transmit signals, outputted from the push switch unit and the rotary encoder unit, to the outside. The roller is supported by a stepped shaft with a rotation axis disposed generally parallel to the surface of the circuit board. The stepped shaft is cantilevered to a base of a guide member, which in turn is supported by the base so that the roller can move in an orthogonal direction relative to the rotation axis of the stepped shaft. When the roller is pushed, the guide member is displaced, which causes the push switch unit to function. <IMAGE>

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H01H 25/06

IPC 8 full level
G01D 5/245 (2006.01); **H01H 25/00** (2006.01); **H01H 25/06** (2006.01)

CPC (source: EP)
G05G 9/047 (2013.01); **H01H 25/008** (2013.01); **H01H 2019/006** (2013.01); **H01H 2019/146** (2013.01)

Citation (search report)
• [A] US 5959267 A 19990928 - KAWASAKI KENZO [JP], et al
• [A] US 5847335 A 19981208 - SUGAHARA JUN [JP], et al

Cited by
EP1542252A1; AU2015203137B2; EP1686601A4; EP1028446A3; EP2278600A1; EP2048681A1; FR2922332A1; CN113488346A; US9190228B2; US7612305B2; WO2012168247A1

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