

Title (en)

ELECTRIC CONTROL MODULE, PARTICULARLY FOR MOTOR VEHICLES

Title (de)

ELEKTRISCHES STEUERMODUL INSBESONDERE FÜR KRAFTFAHRZEUGE

Title (fr)

MODULE DE COMMANDE ELECTRIQUE, EN PARTICULIER POUR VEHICULE AUTOMOBILE

Publication

**EP 2095213 A1 20090902 (FR)**

Application

**EP 07857674 A 20071217**

Priority

- EP 2007064043 W 20071217
- FR 0611301 A 20061221

Abstract (en)

[origin: FR2910652A1] The module has a printed circuit board for electrical circuits, and electrical connecting pads (3, 5) carried by a surface of the board. Each pad is connected to an associated electric track of the board such that each pad follows a position on the board. A surface connecting element (23) is elastically deformable, and connected to ground. The connecting element covers the surface of the board such that a support of a finger on the connecting element connects the pads with the ground at the level of the support so as to determine position of the support. The surface connecting element is made of metal, and has a conductive material layer e.g. skin made of conductive particle charged elastomer such as silicone, or conductive polymer.

IPC 8 full level

**G06F 3/045** (2006.01); **G06F 3/047** (2006.01)

CPC (source: EP KR US)

**G06F 3/041** (2013.01 - KR); **G06F 3/045** (2013.01 - EP KR US); **G06F 3/047** (2013.01 - EP KR US); **H01H 13/702** (2013.01 - EP KR US); **H01H 2209/078** (2013.01 - EP KR US); **H01H 2209/086** (2013.01 - EP KR US); **H01H 2211/00** (2013.01 - EP KR US); **H01H 2227/006** (2013.01 - EP KR US); **H01H 2231/026** (2013.01 - EP KR US); **H01H 2239/004** (2013.01 - EP KR US); **H01H 2239/012** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2008080812A1

Citation (examination)

EP 0834993 A2 19980408 - NOKIA MOBILE PHONES LTD [FI]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2910652 A1 20080627**; **FR 2910652 B1 20090424**; CN 101601003 A 20091209; EP 2095213 A1 20090902; JP 2010514036 A 20100430; KR 20090091309 A 20090827; US 2010096247 A1 20100422; WO 2008080812 A1 20080710; WO 2008080812 A9 20090827

DOCDB simple family (application)

**FR 0611301 A 20061221**; CN 200780047821 A 20071217; EP 07857674 A 20071217; EP 2007064043 W 20071217; JP 2009542021 A 20071217; KR 20097012881 A 20071217; US 52006407 A 20071217