

Title (en)

TONGUE ACTIVATED COMMUNICATIONS CONTROLLER.

Title (de)

ZUNGENAKTIVIERTE NACHRICHTENSTEUERUNGSVORRICHTUNG.

Title (fr)

CONTROLEUR DE COMMUNICATION ACTIVE PAR LA LANGUE.

Publication

**EP 0607273 A4 19950118 (EN)**

Application

**EP 92921515 A 19921007**

Priority

- US 9208524 W 19921007
- US 77467591 A 19911011

Abstract (en)

[origin: WO9307726A1] A tongue activated communications controller (10) for use by disabled or other persons to control a wide variety of devices, and which includes a dental appliance (12) fitted to the user's palate, and a keyboard (36) with a plurality of tongue activatable switches (38) for generating a signal depending upon which switch has been selected, and upon the status of a battery voltage level. The communications controller (10) includes a radio frequency transmitter (12) which uses magnetic flux linkage for transmitting the signal. The communications controller further includes a receiver (16) for converting the transmitted signal into digital form, and also includes a microprocessor based controller unit (18) for processing the received data, and for communicating with the attached devices which the user wishes to control. Data is sent from the transmitter using a fixed transmission time, digital pulse code modulation technique to achieve ultra low power consumption in the transmitter.

IPC 1-7

**H04Q 9/00**

IPC 8 full level

**A61F 4/00** (2006.01)

CPC (source: EP)

**A61F 4/00** (2013.01)

Citation (search report)

- [X] WO 9007249 A1 19900628 - ZOFCOM INC [US]
- [A] FR 2395559 A1 19790119 - INST NAT SANTE RECH MED [FR]
- See references of WO 9307726A1

Designated contracting state (EPC)

BE DE ES FR GB IE IT LU NL SE

DOCDB simple family (publication)

**WO 9307726 A1 19930415**; AU 2766192 A 19930503; EP 0607273 A1 19940727; EP 0607273 A4 19950118

DOCDB simple family (application)

**US 9208524 W 19921007**; AU 2766192 A 19921007; EP 92921515 A 19921007