

Title (en)

WIRELESS KNIFE FOR CUTTING AND SPREADING COLD FOOD

Title (de)

DRAHTLOSES MESSER ZUM SCHNEIDEN UND AUSBREITEN VON KALTEN SPEISEN

Title (fr)

COUTEAU SANS FIL POUR COUPER ET BADIGEONNER DES ALIMENTS FROIDS

Publication

**EP 3170717 A1 20170524 (EN)**

Application

**EP 15772547 A 20150401**

Priority

- ES 201400281 A 20140402
- ES 2015000051 W 20150401

Abstract (en)

The invention relates to a wireless knife for cutting and spreading cold food, consisting of a knife equipped with a heating system that heats the blade at the time of use thereof, characterized in that it comprises a blade (4) consisting of stainless steel, titanium or the like, with a heating resistance (3) insulated by sheets of mica (9), and handle (1) provided with a rechargeable battery (5) that can be extracted by means of a screwed top (6) arranged on the handle (1) that has a hole (12) that can be adjusted to the support projection (14) of a charging base (13) connectable to the mains by means of a cable (16) and a plug (17). The handle has an electronic control plate (10), a secondary coil (11), a push button (2), a regulator (7) and tricolor light-emitting diode (8). The support projection has a primary coil (15) which induces the secondary coil (11). The positions of the regulator correspond to the colors of the LED (8).

IPC 8 full level

**B62B 3/00** (2006.01)

CPC (source: EP US)

**B26B 3/00** (2013.01 - EP); **B26B 11/008** (2013.01 - EP US)

Cited by

US10377031B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3170717 A1 20170524; EP 3170717 A4 20180912**

DOCDB simple family (application)

**EP 15772547 A 20150401**