

Title (en)

Manufacturing method of color keypad for a contact of character illumination rubber switch

Title (de)

Verfahren zur Herstellung einer farbigen Tastenabdeckung für Gummischalter mit Ziffernbeleuchtung

Title (fr)

Procédé de production d'un clavier coloré pour commutateur en caoutchouc à caractères illuminés

Publication

**EP 0847068 B1 20000719 (EN)**

Application

**EP 97309838 A 19971205**

Priority

JP 34042796 A 19961206

Abstract (en)

[origin: EP0847068A1] A manufacturing method of a keypad for a contact character illumination rubber switch composed of a surface enriched in color design variation, comprising the steps of forming a black or gray intermediate layer (3) on a surface portion of a color keypad member (1) for a contact character illumination switch of a mobile communication system, electric equipment for car loading or the like, forming a colored surface layer (4) thereon with any color, and applying a laser beam from the upside thereon for burning up and removing the intermediate layer (3) and the colored surface layer (4). <IMAGE>

IPC 1-7

**H01H 13/70**

IPC 8 full level

**B23K 26/00** (2014.01); **H01H 9/18** (2006.01); **H01H 11/00** (2006.01); **H01H 13/02** (2006.01); **H01H 13/14** (2006.01)

CPC (source: EP KR)

**H01H 9/18** (2013.01 - KR); **H01H 9/182** (2013.01 - EP); **H01H 2009/187** (2013.01 - EP)

Cited by

KR100951721B1; WO03074259A3

Designated contracting state (EPC)

DE FI GB SE

DOCDB simple family (publication)

**EP 0847068 A1 19980610**; **EP 0847068 B1 20000719**; DE 69702585 D1 20000824; DE 69702585 T2 20010308; JP H10172378 A 19980626; KR 100456746 B1 20050202; KR 19980063561 A 19981007

DOCDB simple family (application)

**EP 97309838 A 19971205**; DE 69702585 T 19971205; JP 34042796 A 19961206; KR 19970057018 A 19971031