

Title (en)
ILLUMINATED COVERS

Title (de)
BELEUCHTETE ABDECKUNGEN

Title (fr)
ENVELOPPES LUMINEUSES

Publication
EP 1466461 A4 20080514 (EN)

Application
EP 02788437 A 20021227

Priority
• IB 0205637 W 20021227
• US 3647802 A 20020107

Abstract (en)
[origin: WO03057459A2] An illuminated cover, a method of making such a cover and a covered electronic device. An electroluminescent foil overlies a thin, rigid support base, and an insulating foil overlies the electroluminescent foil. A first opening allows insertion of an electrical connector for the electroluminescent foil. A second opening allows insertion of a control key of an electronic device covered by the decorative cover. The covered electronic device further includes a printed circuit board having electronic components mounted on it, including the control key. A connector extends into the first opening to connect the electroluminescent foil to circuitry on the printed circuit board so as to provide electrical power to the electroluminescent foil. A second base cooperates with the support base to enclose the electronic device. A graphic can be included between the electroluminescent foil and the insulating foil. The cover is made by a molding method.

IPC 1-7
H04M 1/00

IPC 8 full level
B29C 45/14 (2006.01); **H04M 1/02** (2006.01); **H04M 1/22** (2006.01)

CPC (source: EP)
B29C 45/14811 (2013.01); **H04M 1/0283** (2013.01); **H04M 1/22** (2013.01); **B29K 2995/0036** (2013.01); **B29K 2995/0087** (2013.01)

Citation (search report)
• [E] EP 1289233 A2 20030305 - NOKIA CORP [FI]
• [X] DE 19717740 A1 19981105 - SCHOENBERG & CERNY GMBH [AT]
• [X] US 5780965 A 19980714 - CASS MICHAEL W [US], et al
• See references of WO 03057459A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03057459 A2 20030717; **WO 03057459 A3 20040205**; AU 2002353412 A1 20030724; AU 2002353412 A8 20030724; CN 100405798 C 20080723; CN 1623312 A 20050601; EP 1466461 A2 20041013; EP 1466461 A4 20080514

DOCDB simple family (application)
IB 0205637 W 20021227; AU 2002353412 A 20021227; CN 02828492 A 20021227; EP 02788437 A 20021227