

Title (en)

METHOD FOR THE PRODUCTION OF A FUNCTIONAL ASSEMBLY, AND FUNCTIONAL ASSEMBLY

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER FUNKTIONELLEN BAUEINHEIT UND FUNKTIONELLE BAUEINHEIT

Title (fr)

PROCEDE POUR REALISER UNE UNITE MODULAIRE FONCTIONNELLE ET UNITE MODULAIRE FONCTIONNELLE

Publication

**EP 1902468 A1 20080326 (DE)**

Application

**EP 06762464 A 20060630**

Priority

- EP 2006006612 W 20060630
- DE 102005032270 A 20050711
- DE 102006008332 A 20060220

Abstract (en)

[origin: WO2007006483A1] The invention relates to a method for producing a functional assembly as well as a functional assembly. According to the inventive method, at least one first material and a second material which are provided with different properties are applied layer by layer, partially in some parts, so as to create an encapsulation from the first material and a strip conductor structure from the second material, one or several functional units being embedded in the layer structure and being contacted with the strip conductor structure when the materials are applied. The disclosed method makes it possible to carefully structure a unit while offering a great degree of creative freedom.

IPC 8 full level

**H01L 23/538** (2006.01)

CPC (source: EP US)

**H01L 23/3135** (2013.01 - EP US); **H01L 23/5389** (2013.01 - EP US); **H05K 3/4664** (2013.01 - EP US); **H01L 2224/04105** (2013.01 - EP US); **H01L 2924/0002** (2013.01 - EP US); **H05K 1/185** (2013.01 - EP US); **H05K 2201/10674** (2013.01 - EP US); **Y10T 29/49146** (2015.01 - EP US)

Citation (search report)

See references of WO 2007006483A1

Citation (examination)

- US 2004134681 A1 20040715 - TSUKAHARA NORIHITO [JP], et al
- US 2001036718 A1 20011101 - WILLIAMS VERNON M [US]
- US 5141680 A 19920825 - ALMQUIST THOMAS A [US], et al

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**WO 2007006483 A1 20070118**; DE 102006008332 A1 20070125; DE 102006008332 B4 20090604; EP 1902468 A1 20080326; US 2008196928 A1 20080821; US 8481864 B2 20130709

DOCDB simple family (application)

**EP 2006006612 W 20060630**; DE 102006008332 A 20060220; EP 06762464 A 20060630; US 91692306 A 20060630