

Title (en)

METHOD FOR PRODUCING A CHIP MODULE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES CHIPMODULS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN MODULE DE PUCE

Publication

EP 3087592 A2 20161102 (DE)

Application

EP 14815258 A 20141125

Priority

- DE 102013114907 A 20131227
- EP 2014075518 W 20141125

Abstract (en)

[origin: WO2015096946A2] The invention concerns a method for producing a chip module (90) having a carrier substrate and at least one chip arranged on the carrier substrate, as well as a contact conductor arrangement (45) for connecting chip pads to contacts (69, 70, 71) arranged on a contact face (56) of the chip module, in which method the front face of the chip which is provided with the chip pads is secured to the carrier substrate and then the contact conductor arrangement is formed by structuring of a contact material layer of the carrier substrate.

IPC 8 full level

H01L 21/48 (2006.01); **H01L 23/538** (2006.01)

CPC (source: CN EP US)

H01L 21/4832 (2013.01 - EP US); **H01L 23/49562** (2013.01 - EP US); **H01L 23/49816** (2013.01 - EP US); **H01L 23/5384** (2013.01 - CN EP US);
H01L 23/5389 (2013.01 - CN EP US); **H01L 24/11** (2013.01 - US); **H01L 24/24** (2013.01 - CN EP US); **H01L 24/25** (2013.01 - CN EP US);
H01L 24/27 (2013.01 - US); **H01L 24/29** (2013.01 - US); **H01L 24/32** (2013.01 - US); **H01L 24/82** (2013.01 - CN EP US);
H01L 24/96 (2013.01 - CN EP US); **H01L 21/4832** (2013.01 - CN); **H01L 23/49562** (2013.01 - CN); **H01L 23/49816** (2013.01 - CN);
H01L 2224/04105 (2013.01 - EP US); **H01L 2224/06181** (2013.01 - EP US); **H01L 2224/12105** (2013.01 - CN EP US);
H01L 2224/13022 (2013.01 - CN EP US); **H01L 2224/16245** (2013.01 - CN EP US); **H01L 2224/24137** (2013.01 - CN EP US);
H01L 2224/2518 (2013.01 - CN EP US); **H01L 2224/32245** (2013.01 - CN EP US); **H01L 2224/73204** (2013.01 - CN EP US);
H01L 2224/73253 (2013.01 - CN EP US); **H01L 2224/73259** (2013.01 - CN EP US); **H01L 2224/73267** (2013.01 - CN EP US);
H01L 2224/81224 (2013.01 - CN EP US); **H01L 2224/81903** (2013.01 - CN EP US); **H01L 2224/82005** (2013.01 - EP US);
H01L 2224/82039 (2013.01 - EP US); **H01L 2224/83192** (2013.01 - CN EP US); **H01L 2224/92144** (2013.01 - CN EP US);
H01L 2224/92224 (2013.01 - CN EP US)

Citation (search report)

See references of WO 2015096946A2

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)

WO 2015096946 A2 20150702; WO 2015096946 A3 20151119; CN 105849901 A 20160810; CN 105849901 B 20190301;
DE 102013114907 A1 20150702; EP 3087592 A2 20161102; EP 3236489 A2 20171025; EP 3236489 A3 20180110; US 10354971 B2 20190716;
US 2017133340 A1 20170511

DOCDB simple family (application)

EP 2014075518 W 20141125; CN 201480071312 A 20141125; DE 102013114907 A 20131227; EP 14815258 A 20141125;
EP 17151929 A 20141125; US 201415106605 A 20141125