

Title (en)

CARRIER WITH A TEST SURFACE WETTABLE WITH LIQUID SOLDER AND METHOD FOR APPLICATION THEREOF

Title (de)

TRÄGER MIT EINER MIT FLÜSSIGEM LOT BENETZBAREN TESTFLÄCHE SOWIE VERFAHREN ZU DESSEN ANWENDUNG

Title (fr)

SUPPORT AVEC SURFACE DE TEST POUVANT ÊTRE ENDUITE DE LIQUIDE DE BRASAGE AINSI QUE PROCÉDÉ CORRESPONDANT À CETTE APPLICATION

Publication

EP 2718051 A1 20140416 (DE)

Application

EP 12735230 A 20120622

Priority

- DE 102011079407 A 20110719
- EP 2012062067 W 20120622

Abstract (en)

[origin: WO2013010748A1] The invention provides a carrier plate (11) with test surfaces (22, 33, 26) for assessing a selective soldering process. A method for the use of such a carrier plate is also protected. According to the invention, the carrier plate has various zones that are provided with peripheral boundaries (22). The zones (23, 33) are not wettable with solder, while the peripheral boundaries (22) are wettable. If a selective solder head is advanced to the reference areas (33), the respective peripheral boundary must, provided there is no quality defect, be just wetted with solder, thus enabling an assessment to be made of the selective soldering process. The test plate offers the advantage of a simple optical assessment, for example by visual inspection.

IPC 8 full level

B23K 1/20 (2006.01); **B23K 3/08** (2006.01); **G01N 13/02** (2006.01)

CPC (source: CN EP US)

B23K 1/20 (2013.01 - CN EP US); **B23K 3/08** (2013.01 - CN EP US); **G01N 13/02** (2013.01 - CN EP US); **H05K 2203/044** (2013.01 - EP US); **Y10T 428/12222** (2015.01 - EP US)

Citation (search report)

See references of WO 2013010748A1

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

DOCDB simple family (publication)

DE 102011079407 A1 20130124; CN 103813878 A 20140521; CN 103813878 B 20160824; EP 2718051 A1 20140416; US 2014284374 A1 20140925; US 9498836 B2 20161122; WO 2013010748 A1 20130124

DOCDB simple family (application)

DE 102011079407 A 20110719; CN 201280045567 A 20120622; EP 12735230 A 20120622; EP 2012062067 W 20120622; US 201214233887 A 20120622