

Title (en)

FLEXIBLE DEVICE FOR ELECTRICALLY CONNECTING AN ELECTRIC COMPONENT AND A PRINTED CIRCUIT BOARD TOGETHER, SYSTEM, AND METHOD FOR MOUNTING A SYSTEM

Title (de)

FLEXIBLE VORRICHTUNG ZUM ELEKTRISCHEN VERBINDEN EINES ELEKTRISCHEN BAUTEILS UND EINER LEITERPLATTE, SYSTEM UND VERFAHREN ZUR MONTAGE EINES SYSTEMS

Title (fr)

DISPOSITIF DE RACCORDEMENT ÉLECTRIQUE FLEXIBLE ENTRE UN COMPOSANT ÉLECTRIQUE ET UNE CARTE IMPRIMÉE, SYSTÈME, ET PROCÉDÉ DE MONTAGE D'UN SYSTÈME

Publication

EP 2636100 A1 20130911 (FR)

Application

EP 11769780 A 20110929

Priority

- FR 1101109 A 20110411
- DE 102010050700 A 20101106
- EP 2011004870 W 20110929

Abstract (en)

[origin: WO2012059159A1] The invention relates to a flexible device for electrically connecting an electric component and a printed circuit board together, wherein the flexible electric-connection device includes a main extension direction, and the flexible electric-connection device includes a first contact region formed at one end of the flexible electric-connection device in the main extension direction, as well as a second contact region formed at the other end of the flexible electric-connection device in the main extension direction, the flexible electric-connection device including a stiffener, or the flexible electric connection device being combined with a supporting element, the electric component being provided so as to be in direct electric contact with the flexible electric-connection device via the first contact region.

IPC 8 full level

H01R 12/62 (2011.01); **H05K 1/14** (2006.01)

CPC (source: EP KR US)

H01B 7/08 (2013.01 - US); **H01R 12/62** (2013.01 - EP KR US); **H05K 1/14** (2013.01 - KR); **H05K 1/147** (2013.01 - EP US); **H05K 1/189** (2013.01 - EP US); **H05K 3/32** (2013.01 - US); **H05K 1/118** (2013.01 - EP US); **H05K 2201/10053** (2013.01 - EP US); **H05K 2201/10189** (2013.01 - EP US); **H05K 2201/2009** (2013.01 - EP US); **Y10T 29/4913** (2015.01 - EP US)

Citation (search report)

See references of WO 2012059159A1

Citation (examination)

- US 5214571 A 19930525 - DAHLGREN VICTOR E [US], et al
- DE 8317500 U1 19861002

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)

WO 2012059159 A1 20120510; CN 103270651 A 20130828; CN 103270651 B 20161109; EP 2636100 A1 20130911; FR 2967308 A1 20120511; JP 2013544029 A 20131209; JP 2018037664 A 20180308; KR 101910501 B1 20181022; KR 20130132832 A 20131205; US 2013284483 A1 20131031; US 9373428 B2 20160621

DOCDB simple family (application)

EP 2011004870 W 20110929; CN 201180062781 A 20110929; EP 11769780 A 20110929; FR 1101109 A 20110411; JP 2013537015 A 20110929; JP 2017193546 A 20171003; KR 20137013945 A 20110929; US 201113883499 A 20110929