

Title (en)  
FLEXIBLE CIRCUIT BOARD AND ELECTRIC DEVICE

Title (de)  
FLEXIBLE LEITERPLATTE SOWIE ELEKTRISCHE VORRICHTUNG

Title (fr)  
CARTE DE CIRCUITS SOUPLE ET DISPOSITIF ÉLECTRIQUE

Publication  
**EP 2508049 A1 20121010 (DE)**

Application  
**EP 10768903 A 20101007**

Priority  
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Abstract (en)  
[origin: WO2011067019A1] The invention relates to a flexible circuit board (1), comprising at least one conductive path (2) and a shell (3) that at least regionally surrounds the conductive path (2), wherein at least one adhesive layer (4) is provided between the conductive path (2) and the shell (3) for fastening the shell (3). To this end, a cover (8) is provided, which envelopes the shell (3) at least regionally, wherein between the shell (3) and the cover (8) at least one filler layer (9) is provided. The invention further relates to an electric device (20).

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CPC (source: EP KR US)  
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**H05K 1/147** (2013.01 - EP US); **H05K 2201/09781** (2013.01 - EP US); **H05K 2201/2009** (2013.01 - EP US); **H05K 2203/1147** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011067019A1

Citation (examination)  
• US 7612290 B1 20091103 - LE KEVIN D [US]  
• US 2006169481 A1 20060803 - STOTZ DARIN D [US]  
• US 2007206365 A1 20070906 - SHIU GEORGE [US], et al  
• US 2003002241 A1 20030102 - NEUHAEUSER TORSTEN [DE]

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