

Title (en)  
PROCESS FOR PRODUCING PRINTED CIRCUIT BOARDS

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINER LEITERPLATTE

Title (fr)  
PROCEDE DE FABRICATION D'UNE CARTE DE CIRCUITS IMPRIMES

Publication  
**EP 0696409 A1 19960214 (DE)**

Application  
**EP 93909840 A 19930426**

Priority  
EP 9301004 W 19930426

Abstract (en)  
[origin: WO9426081A1] A process is disclosed for producing a printed circuit board with a first and a second face. A plurality of connections (pads) for soldering electronic components and a plurality of tracks which interconnect the pads are applied on at least the first surface. A layer of solder (6) is applied on the pads by means of a first photoresist layer (3); the tracks are structured thereon by etchants by means of a second photoresist layer (7) which remains on the tracks and on the layer of solder (6) applied on the connections (10) of the pads (4). A solder resist (8) may then be applied on the printed circuit board outside of the pads (4). A process is also disclosed for manufacturing a mask suitable for implementing this printed circuit board production process. According to said process, said masks are produced in a simple manner from known base masks.

IPC 1-7  
**H05K 3/24**; **H05K 3/06**; **H05K 3/34**; **H05K 3/40**; **H05K 3/42**; **H05K 3/00**

IPC 8 full level  
**H05K 3/00** (2006.01); **H05K 3/24** (2006.01); **H05K 3/28** (2006.01); **H05K 3/34** (2006.01); **H05K 3/40** (2006.01); **H05K 3/42** (2006.01); **H05K 3/06** (2006.01)

CPC (source: EP)  
**H05K 3/0002** (2013.01); **H05K 3/243** (2013.01); **H05K 3/28** (2013.01); **H05K 3/3473** (2013.01); **H05K 3/427** (2013.01); **H05K 3/064** (2013.01); **H05K 2201/099** (2013.01); **H05K 2203/043** (2013.01); **H05K 2203/056** (2013.01); **H05K 2203/0571** (2013.01); **H05K 2203/0588** (2013.01)

Citation (search report)  
See references of WO 9426081A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 9426081 A1 19941110**; EP 0696409 A1 19960214; TW 234234 B 19941111

DOCDB simple family (application)  
**EP 9301004 W 19930426**; EP 93909840 A 19930426; TW 82103943 A 19930519