

Title (en)
INKJET PRINTED CIRCUIT BOARDS

Title (de)
TINTENSTRAHLGEDRUCKTE LEITERPLATTEN

Title (fr)
CARTES DE CIRCUITS IMPRIMÉS À JET D'ENCRE

Publication
EP 4090914 A4 20240221 (EN)

Application
EP 20914746 A 20201221

Priority
• US 202062960357 P 20200113
• US 2020070943 W 20201221

Abstract (en)
[origin: WO2021146061A1] Methods of processing substrates are described herein that include depositing a conductive material on a substrate, applying a primer material soluble in water or aqueous acid onto the conductive material, inkjet printing an acid-resistant patterning material reactive with the primer material onto the primer material according to a pattern to form an acid-resistant mask, and exposing the substrate to an acid to etch exposed portions of the conductive material.

IPC 8 full level
G01D 11/00 (2006.01); **B41J 2/01** (2006.01); **H05K 3/06** (2006.01)

CPC (source: EP KR)
H05K 3/061 (2013.01 - EP KR); **H05K 2203/013** (2013.01 - EP KR)

Citation (search report)
[X1] US 2018146556 A1 20180524 - FRENKEL MOSHE [IL], et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2021146061 A1 20210722; CN 114945804 A 20220826; EP 4090914 A1 20221123; EP 4090914 A4 20240221; JP 2023512445 A 20230327; KR 20220127272 A 20220919; TW 202136909 A 20211001

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US 2020070943 W 20201221; CN 202080092845 A 20201221; EP 20914746 A 20201221; JP 2022542635 A 20201221; KR 20227026862 A 20201221; TW 110100763 A 20210108