

Title (en)
ELECTROFORMING MASTER, METHOD FOR PRODUCING ELECTROFORMING MASTER, AND METHOD FOR PRODUCING ELECTROFORMING MATERIAL

Title (de)
GALVANOPLASTIK-MASTER, VERFAHREN ZUR HERSTELLUNG DES GALVANOPLASTIK-MASTERS UND VERFAHREN ZUR HERSTELLUNG EINES GALVANOPLASTIK-MATERIALS

Title (fr)
MATRICE D'ÉLECTROFORMAGE, PROCÉDÉ DE PRODUCTION DE MATRICE D'ÉLECTROFORMAGE ET PROCÉDÉ DE PRODUCTION D'UN MATÉRIAU D'ÉLECTROFORMAGE

Publication
EP 4151776 A1 20230322 (EN)

Application
EP 22194324 A 20220907

Priority
JP 2021152119 A 20210917

Abstract (en)
An electroforming master including an n-type semiconductor, and a substrate provided with a pattern on a surface thereof, in which an oxide film is formed on the surface, and a thickness of the oxide film is 18 Å or smaller, a method for producing the above-described electroforming master, and a method for producing an electroforming material using the above-described electroforming master.

IPC 8 full level
C25D 1/00 (2006.01); **C25D 1/22** (2006.01)

CPC (source: EP US)
C25D 1/003 (2013.01 - EP); **C25D 1/20** (2013.01 - US); **C25D 1/22** (2013.01 - EP)

Citation (applicant)

- JP 2005256110 A 20050922 - SEIKO INSTR INC
- JP 2007287216 A 20071101 - SHINETSU CHEMICAL CO

Citation (search report)

- [X] US 2009008703 A1 20090108 - LU CHI-PIN [TW], et al
- [X] US 7088116 B1 20060808 - LIN HAIAN [US]
- [Y] EP 2781626 A1 20140924 - LEAP CO LTD [JP]
- [XY] WO 2013084429 A1 20130613 - KONICA MINOLTA INC [JP]
- [Y] EP 1510599 A2 20050302 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] US 2010116676 A1 20100513 - KIM SANG JIN [KR], et al

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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EP 22194324 A 20220907; JP 2021152119 A 20210917; US 202217930718 A 20220909