

Title (en)

METHOD FOR REFINING CRYSTAL GRAINS IN PLATING FILM

Title (de)

VERFAHREN ZUM RAFFINIEREN VON KRISTALLKÖRNERN IN EINEM PLATTIERUNGSFILM

Title (fr)

PROCÉDÉ DE RAFFINAGE DE GRAINS CRISTALLINS DANS UN FILM DE PLACAGE

Publication

EP 3725921 A1 20201021 (EN)

Application

EP 18887864 A 20181214

Priority

- JP 2017240928 A 20171215
- JP 2018046031 W 20181214

Abstract (en)

In a crystal grain size reduction method for a plating film, electroplating is performed in a condition where ions of a plating metal, a nanocarbon, and an anion based surfactant as a dispersion agent for dispersing the nanocarbon have been blended in a plating solution.

IPC 8 full level

C25D 3/46 (2006.01); **C25D 3/12** (2006.01); **C25D 3/30** (2006.01); **C25D 3/48** (2006.01)

CPC (source: EP US)

C25D 3/12 (2013.01 - EP US); **C25D 3/30** (2013.01 - EP US); **C25D 3/46** (2013.01 - EP US); **C25D 3/48** (2013.01 - EP US);
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Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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