

Title (en)

METHOD FOR PRODUCING A MOULD ELEMENT FOR PRODUCING MICRO-ARRAYS, AND MOULD ELEMENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES FORMELEMENTS FÜR DIE HERSTELLUNG VON MIKROARRAYS SOWIE FORMELEMENT

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN ÉLÉMENT DE MOULE DESTINÉ À LA PRODUCTION DE MICRO RÉSEAUX ET ÉLÉMENT DE MOULE

Publication

**EP 4221805 A1 20230809 (DE)**

Application

**EP 21772998 A 20210831**

Priority

- DE 102020125484 A 20200930
- EP 2021074024 W 20210831

Abstract (en)

[origin: CA3192989A1] The invention relates to a method for producing a mould element for producing micro-arrays. First, a planar base element (10), in particular in the form of a film, is provided. Recesses (14) are made in, in particular embossed into, an upper face (16) of the element (10). The recesses are opened on a lower face (14) of the base element (10) in particular by using laser radiation. The invention also relates in particular to a mould element produced by means of this method, which mould element has recesses (14) like the base element (10). Each of the recesses (14) has openings (26) in the lower face (24) of the base element (10).

IPC 8 full level

**A61M 37/00** (2006.01); **B42D 25/425** (2014.01)

CPC (source: EP US)

**A61M 37/0015** (2013.01 - EP); **B29C 33/3842** (2013.01 - US); **B29C 59/022** (2013.01 - US); **B29C 59/04** (2013.01 - EP US); **A61M 2037/0053** (2013.01 - EP); **B29C 2059/023** (2013.01 - EP US); **B29C 2791/009** (2013.01 - EP); **B29C 2793/0045** (2013.01 - EP); **B29L 2031/7544** (2013.01 - US)

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)

**DE 102020125484 A1 20220331**; BR 112023003665 A2 20230404; BR 112023003665 A8 20240123; CA 3192989 A1 20220407; CN 116390786 A 20230704; EP 4221805 A1 20230809; JP 2023543571 A 20231017; US 2023356455 A1 20231109; WO 2022069141 A1 20220407

DOCDB simple family (application)

**DE 102020125484 A 20200930**; BR 112023003665 A 20210831; CA 3192989 A 20210831; CN 202180064561 A 20210831; EP 2021074024 W 20210831; EP 21772998 A 20210831; JP 2023519100 A 20210831; US 202118246927 A 20210831