

Title (en)  
METHOD FOR PRODUCING A MOLD ELEMENT FOR PRODUCING MICROARRAYS, AND MOLD 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 PERMETTANT LA PRODUCTION DE MICRORÉSEAUX, ET ÉLÉMENT DE MOULE

Publication  
**EP 4288262 A1 20231213 (DE)**

Application  
**EP 22702399 A 20220113**

Priority

- DE 102021102555 A 20210204
- EP 2022050670 W 20220113

Abstract (en)  
[origin: CA3206954A1] The invention relates to a method for producing a mold element (100) for producing microarrays, having the steps of: (i) providing a flat base element (10) which has a first surface (16) and a second surface (24) lying opposite the first surface (16), (ii) providing a flat auxiliary element (11) on the second surface (24), (iii) piercing the base element (10) starting from the first surface (40) in order to form mold openings (14), and (iv) reversibly or non-reversibly piercing the auxiliary element (11) upon piercing the base element (10). The invention additionally relates to a mold element (100) for producing microarrays, comprising a flat base element (10) which has a first surface (16) and a second surface (24) lying opposite the first surface (16), a flat auxiliary element (11) which is arranged on the second surface (16), and multiple mold openings (14) which extend from the first surface (16) of the base element (10) to the second surface the base element (10).

IPC 8 full level  
**B29C 33/40** (2006.01); **A61M 37/00** (2006.01); **B29C 33/38** (2006.01); **B29C 33/42** (2006.01); **B29C 59/02** (2006.01); **B29C 59/04** (2006.01)

CPC (source: EP US)  
**B26D 3/085** (2013.01 - EP); **B26D 7/10** (2013.01 - EP); **B26F 1/20** (2013.01 - EP); **B26F 1/384** (2013.01 - EP); **B29C 33/0033** (2013.01 - EP); **B29C 33/3878** (2013.01 - US); **B29C 33/40** (2013.01 - EP US); **B29C 33/42** (2013.01 - US); **B29C 59/026** (2013.01 - EP US); **B29C 59/046** (2013.01 - EP US); **A61M 2037/0053** (2013.01 - EP); **B29C 33/3878** (2013.01 - EP); **B29C 2793/0045** (2013.01 - EP)

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 102021102555 A1 20220804**; CA 3206954 A1 20220811; CN 116802036 A 20230922; EP 4288262 A1 20231213; JP 2024506881 A 20240215; US 2024083078 A1 20240314; WO 2022167191 A1 20220811

DOCDB simple family (application)  
**DE 102021102555 A 20210204**; CA 3206954 A 20220113; CN 202280011867 A 20220113; EP 2022050670 W 20220113; EP 22702399 A 20220113; JP 2023547505 A 20220113; US 202218275694 A 20220113