

(19)



(11)

**EP 4 031 058 B8**

(12)

**CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:

**Corrected version no 1 (W1 B1)**  
**Corrections, see**  
**Bibliography INID code(s) 73**

(51) International Patent Classification (IPC):

**A61C 7/14** <sup>(2006.01)</sup> **B33Y 80/00** <sup>(2015.01)</sup>

(52) Cooperative Patent Classification (CPC):

**A61C 7/146; B33Y 80/00**

(48) Corrigendum issued on:

**27.03.2024 Bulletin 2024/13**

(86) International application number:

**PCT/IB2020/058481**

(45) Date of publication and mention of the grant of the patent:

**21.02.2024 Bulletin 2024/08**

(87) International publication number:

**WO 2021/053480 (25.03.2021 Gazette 2021/12)**

(21) Application number: **20772440.2**

(22) Date of filing: **11.09.2020**

(54) **METHODS OF MANUFACTURING A TRANSFER APPARATUS INCLUDING GINGIVALLY EXTENDING CHANNELS**

HERSTELLUNGSVERFAHREN FÜR EINE ÜBERTRAGUNGSVORRICHTUNG MIT SICH GINGIVAL ERSTRECKENDEN KANÄLEN

PROCÉDÉ DE FABRICATION D'UN APPAREIL DE TRANSFERT COMPRENANT DES CANAUX S'ÉTENDANT DE MANIÈRE GINGIVALE

(84) Designated Contracting States:

**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**

- **CINADER, David K., Jr.**  
Saint Paul, Minnesota 55133-3427 (US)
- **THAO, Sheng**  
Saint Paul, Minnesota 55133-3427 (US)
- **SCHMOLL, Jeremy A.**  
Saint Paul, Minnesota 55133-3427 (US)
- **SEE, Peter**  
49152 Bad Essen (DE)
- **STARK, Nicholas A.**  
Saint Paul, Minnesota 55133-3427 (US)
- **RABY, Richard E.**  
Saint Paul, Minnesota 55133-3427 (US)

(30) Priority: **18.09.2019 US 201962902200 P**

(43) Date of publication of application:

**27.07.2022 Bulletin 2022/30**

(60) Divisional application:

**24153324.9 / 4 335 640**

(73) Proprietor: **Solventum Intellectual Properties Company**

**Maplewood, MN 55144 (US)**

(74) Representative: **Vossius & Partner**  
**Patentanwälte Rechtsanwälte mbB**  
**Siebertstraße 4**  
**81675 München (DE)**

(72) Inventors:

- **DUFOUR, Joseph R.**  
Saint Paul, Minnesota 55133-3427 (US)

(56) References cited:

**US-A1- 2005 233 276 US-A1- 2015 359 610**  
**US-B2- 7 658 610**

**EP 4 031 058 B8**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).