



(11) **EP 3 431 835 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

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

(51) Int Cl.:  
**F01D 25/24** <sup>(2006.01)</sup> **F16J 15/3288** <sup>(2016.01)</sup>  
**F01D 11/00** <sup>(2006.01)</sup>

(48) Corrigendum issued on:  
**07.04.2021 Bulletin 2021/14**

(45) Date of publication and mention  
of the grant of the patent:  
**17.02.2021 Bulletin 2021/07**

(21) Application number: **18191467.2**

(22) Date of filing: **27.08.2015**

---

(54) **DUAL-ENDED BRUSH SEAL ASSEMBLY AND METHOD OF MANUFACTURE**

DOPPELENDIGE BÜRSTENDICHTUNGSANORDNUNG UND VERFAHREN ZUR HERSTELLUNG  
ENSEMBLE DE JOINT À BROSSE À EXTRÉMITÉ DOUBLE ET SON PROCÉDÉ DE FABRICATION

---

(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**

(30) Priority: **28.08.2014 US 201462043117 P**

(43) Date of publication of application:  
**23.01.2019 Bulletin 2019/04**

(62) Document number(s) of the earlier application(s) in  
accordance with Art. 76 EPC:  
**15182770.6 / 2 990 699**

(73) Proprietor: **Raytheon Technologies Corporation**  
**Farmington, CT 06032 (US)**

(72) Inventor: **DAVIS, Timothy M**  
**Kennebunk, ME Maine 04043 (US)**

(74) Representative: **Dehns**  
**St. Bride's House**  
**10 Salisbury Square**  
**London EC4Y 8JD (GB)**

(56) References cited:  
**EP-A1- 1 013 887 US-A1- 2004 100 033**  
**US-A1- 2010 327 535**

**EP 3 431 835 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).