



(11) **EP 2 990 181 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:  
**Corrected version no 1 (W1 B1)**  
**Corrections, see**  
**Bibliography INID code(s) 54**

(51) Int Cl.:  
**B29C 65/08** <sup>(2006.01)</sup> **A61F 13/15** <sup>(2006.01)</sup>  
**A61F 13/49** <sup>(2006.01)</sup> **A61F 13/496** <sup>(2006.01)</sup>  
**B29L 31/48** <sup>(2006.01)</sup>

(48) Corrigendum issued on:  
**30.12.2020 Bulletin 2020/53**

(86) International application number:  
**PCT/JP2014/065806**

(45) Date of publication and mention  
of the grant of the patent:  
**10.06.2020 Bulletin 2020/24**

(87) International publication number:  
**WO 2014/200102 (18.12.2014 Gazette 2014/51)**

(21) Application number: **14810761.8**

(22) Date of filing: **13.06.2014**

(54) **ULTRASONIC HORN, WELDER PROVIDED THEREWITH, AND METHOD OF PRODUCING DISPOSABLE DIAPER USING ULTRASONIC HORN**

SONOTRODE, DAMIT AUSGESTATTETE SCHWEISSVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER EINWEGWINDEL MITHILFE EINER SONOTRODE

SONOTRODE, DISPOSITIF DE SOUDAGE QUI EN EST ÉQUIPÉ ET PROCÉDÉ DE PRODUCTION DE COUCHE JETABLE À L'AIDE D'UNE SONOTRODE

(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**

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(30) Priority: **14.06.2013 JP 2013125941**

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(43) Date of publication of application:  
**02.03.2016 Bulletin 2016/09**

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(56) References cited:  
**EP-A1- 2 368 694 CN-A- 1 179 128**  
**CN-A- 1 950 190 DE-U1- 9 319 271**  
**JP-A- 2001 233 309 JP-A- 2010 115 283**  
**JP-A- 2013 522 135 JP-B2- 4 592 690**  
**US-A- 5 667 608 US-A1- 2007 251 643**

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**EP 2 990 181 B8**