



(11) **EP 3 444 421 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

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

(48) Corrigendum issued on:
22.07.2020 Bulletin 2020/30

(45) Date of publication and mention
of the grant of the patent:
18.03.2020 Bulletin 2020/12

(21) Application number: **16901315.8**

(22) Date of filing: **13.05.2016**

(51) Int Cl.:
E05F 1/12 ^(2006.01) **E05F 1/14** ^(2006.01)
E05F 1/10 ^(2006.01) **E05D 3/02** ^(2006.01)

(86) International application number:
PCT/CN2016/081984

(87) International publication number:
WO 2017/193360 (16.11.2017 Gazette 2017/46)

(54) **GEAR STRUCTURE SPRING HINGE**
FEDERSCHARNIER MIT ZAHNRADSTRUKTUR
CHARNIÈRE À RESSORT AVEC STRUCTURE D'ENGRENAGE

(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

(43) Date of publication of application:
20.02.2019 Bulletin 2019/08

(73) Proprietor: **Unind (Shenzhen) Co., Limited**
Shenzhen (CN)

(72) Inventors:
• **HU, Nengjun**
Shenzhen
Guangdong 518040 (CN)

• **CHENG, Meiyuan**
Shenzhen
Guangdong 518040 (CN)

(74) Representative: **Hanna Moore + Curley**
Garryard House
25/26 Earlsfort Terrace
Dublin 2, D02 PX51 (IE)

(56) References cited:
WO-A1-2014/111827 CN-Y- 201 110 078
CN-Y- 201 288 466 DE-A1- 3 140 039
US-A- 2 626 420 US-A- 3 503 380
US-A1- 2009 241 290 US-A1- 2010 283 367

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).

EP 3 444 421 B8