(11) **EP 3 736 635 A8**

(12) CORRECTED EUROPEAN PATENT APPLICATION

(15) Correction information:

Corrected version no 1

Corrected version no 1 (W1 A1) Corrections, see Abstract

(48) Corrigendum issued on: **24.02.2021 Bulletin 2021/08**

(43) Date of publication: 11.11.2020 Bulletin 2020/46

(21) Application number: 20180563.7

(22) Date of filing: 01.09.2015

(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: 06.02.2015 JP 2015022608

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC: 15881026.7 / 3 146 392

- (71) Applicant: BROTHER KOGYO KABUSHIKI KAISHA
 Aichi-ken 467-8561 (JP)
- (72) Inventors:
 - FUKAMACHI, Yasuo Nagoya-shi, Aichi-ken, 467-8562 (JP)

(51) Int CI.: **G03G 15/08** (2006.01) **G03G 21/18** (2006.01)

G03G 21/16 (2006.01)

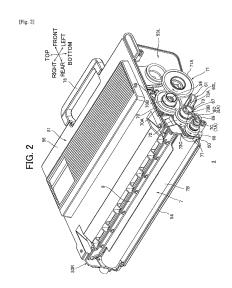
- TAGUCHI, Kazuna
 Nagoya-shi, Aichi-ken, 467-8562 (JP)
- KANDA, Takuya
 Nagoya-shi, Aichi-ken, 467-8562 (JP)
- (74) Representative: Kuhnen & Wacker
 Patent- und Rechtsanwaltsbüro PartG mbB
 Prinz-Ludwig-Straße 40A
 85354 Freising (DE)

Remarks:

This application was filed on 17-06-2020 as a divisional application to the application mentioned under INID code 62.

(54) **DEVELOPING CARTRIDGE**

(57) Providing a developing cartridge that can ensure unhindered rotation of a coupling, an idle gear, and a first agitator gear, even when ribs are provided at positions near a developing roller. A developing cartridge (3) having a developing roller (7) includes a developing-roller gear (68) connected to the developing roller (7); a developing coupling (67) in meshing engagement with the developing-roller gear (68); an idle gear (70) in meshing engagement with the developing coupling (67); an agitator gear (71) in meshing engagement with the idle gear (70) and connected to an agitator (11); and a protrusion (60L), each positioned at a left wall (53L) of a casing (51). The protrusion (60L) has a length (D2) shorter than a length (D1) between a left surface of the left wall (53L) and the agitator gear (71).



P 3 736 635 A8