



(43) International Publication Date
18 September 2014 (18.09.2014)

(51) International Patent Classification:
A61F 13/49 (2006.01)

(21) International Application Number:
PCT/US2014/030051

(22) International Filing Date:
15 March 2014 (15.03.2014)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/801,620 15 March 2013 (15.03.2013) US

(71) Applicant: **DSG TECHNOLOGY HOLDING LTD**;
Craigmuir Chambers, P.O. Box 71, Read Town, Tortola
(VG).

(72) Inventors; and

(71) Applicants : **WRIGHT, Andrew** [GB/GB]; 5 Warren
Close, Pilsey, Derbyshire S45 8ES (GB). **VARONA, Eu-
genio** [US/US]; 3309 Woodrun Trail, Marietta, GA 30062
(US). **SMID, Anne** [NL/NL]; Heerenveenseweg 48, 8471
BG Wolvega (NL). **SMID, Dennis** [NL/NL]; Heeren-
veenseweg 48, 8471 BG Wolvega (NL).

(74) Agent: **AMATONG, Alberto, Q., Jr.**; The Amatong Law
Firm, PLLC, P.O. Box 70889, Houston, TX 77270 (US).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA,
SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM,
ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

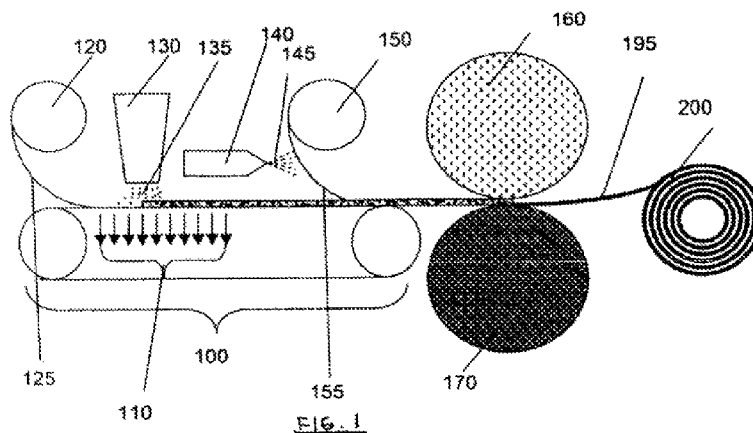
Published:

- with international search report (Art. 21(3))
- with amended claims (Art. 19(1))

(88) Date of publication of the international search report:
29 January 2015

Date of publication of the amended claims: 9 April 2015

(54) Title: METHOD OF MAKING AN ABSORBENT COMPOSITE AND ABSORBENT ARTICLES EMPLOYING THE SAME



(57) Abstract: Disclosed is an absorbent core composite for a disposable absorbent article. The absorbent composite has a first fabric, a body side second fabric, and a plurality of aggregates of superabsorbent particles (SAP) situated between the first fabric second fabric. About each of a plurality of the SAP aggregates, an arrangement of spaced apart bond sites secure the second fabric to the first fabric and form a pocket in which the SAP aggregate is secured between the first fabric and the second fabric. The body side second fabric is a bulky nonwoven including fibers that entangle at least some particles in the SAP aggregate.