

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
26 August 2021 (26.08.2021)



(10) International Publication Number
WO 2021/165676 A1

- (51) International Patent Classification:
A61F 5/44 (2006.01) *A61F 5/445* (2006.01)
- (21) International Application Number:
PCT/GB2021/050393
- (22) International Filing Date:
18 February 2021 (18.02.2021)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2002317.2 19 February 2020 (19.02.2020) GB
2002318.0 19 February 2020 (19.02.2020) GB
2002319.8 19 February 2020 (19.02.2020) GB
- (71) Applicant: **CONVATEC LIMITED** [GB/GB]; GDC,
First Avenue, Deeside, Flintshire CH5 2NU (GB).
- (72) Inventors: **HOLROYD, Simon**; PDD Group Limited, 87
Richford Street, London Greater London W6 7HJ (GB).
BAKER, Dominic; PDD Group Limited, 87 Richford
Street, London Greater London W6 7HJ (GB). **TAAL,
Stefan**; PDD Group Limited, 87 Richford Street, London
Greater London W6 7HJ (GB). **LACY, Graham**; PDD
Group Limited, 87 Richford Street, London Greater London
W6 7HJ (GB).
- (74) Agent: **WILSON GUNN (MANCHESTER)**; 5th Floor,
Blackfriars House, The Parsonage, Manchester Lancashire
M3 2JA (GB).
- (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, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN,

(54) Title: AN OUTLET VALVE FOR AN OSTOMY APPLIANCE

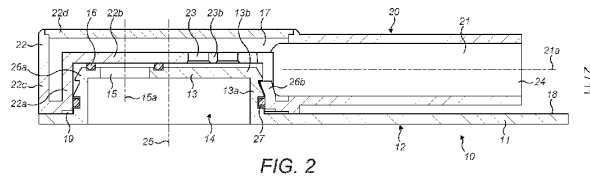


FIG. 2

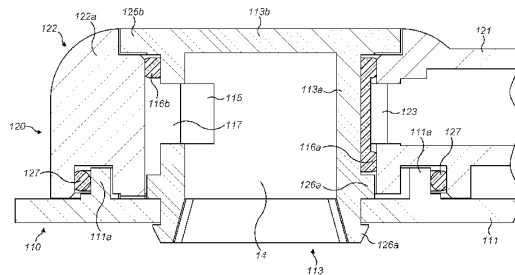


FIG. 6

(57) **Abstract:** An outlet valve (201) for an ostomy appliance comprises an axle (213) defining a hollow bore (14) for receiving a liquid output from the ostomy appliance. The axle comprises a curved lateral wall (213a). An outlet element (220) comprises a cap (222) arranged concentrically with the axle and an outlet tube (221) affixed to the cap. A valve opening (215) is defined in the curved lateral wall. The cap is rotatable around the axle to move from a closed configuration in which the valve opening is not in liquid communication with the outlet tube to an open configuration in which the valve opening is in liquid communication with the outlet tube. The outlet valve further comprises an outlet element seal (216, 227) configured to provide: sealing between the cap and the axle around a circumference of the axle; and sealing between the valve opening and the intake opening when the outlet element is in the closed configuration.

[Continued on next page]

WO 2021/165676 A1

KP, KR, KW, KZ, LA, LC, LK, LR, LS, 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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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, ST, 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))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*