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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
29 December 2005 (29.12.2005)

PCT

(10) International Publication Number
WO 2005/123002 A1

(51) International Patent Classification[7]: A61J 1/03, A61M 15/00

(21) International Application Number: PCT/SE2005/000875

(22) International Filing Date: 9 June 2005 (09.06.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0401612-7 18 June 2004 (18.06.2004) SE

(71) Applicant *(for all designated States except US)*: **MEDERIO AG** [CH/CH]; P.O. Box 138, CH-6052 Hergiswil NW (CH).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **FRIBERG, Lars** [SE/SE]; Riavägen 16, S-640 60 Åkers Styckebruk (SE). **MYRMAN, Mattias** [SE/SE]; Drottningholmsvägen 8 1tr., S-112 42 Stockholm (SE). **KAX, Lars** [SE/SE]; Gåvan, S-155 91 Nykvarn (SE).

(74) Agent: **AROS PATENT AB**; P.O. Box 1544, S-751 45 Uppsala (SE).

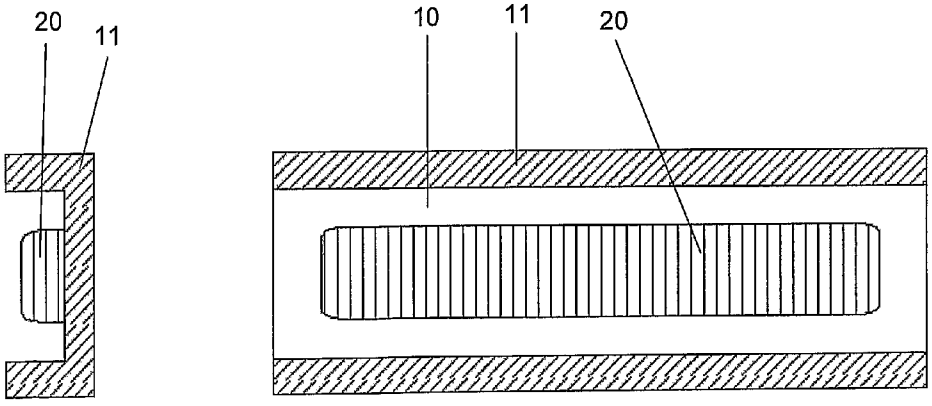
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**
— *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) **Title:** INHALER USING PODS




(57) **Abstract:** A medicament container for carrying a metered, finely divided, dry powder medication dose is disclosed. The medicament container, which is intended for administration by a dry powder inhaler device, constitutes a pod presents a bottom surface acting as a dose bed adapted for receiving a metered medication dose. The metered dose, carried by the pod, is protected from foreign matter, particularly moisture, after a sealing of the pod with a high barrier seal foil, which transforms the pod into a high barrier container. Furthermore the pod is formed such that the pod sealing foil can be slit open from a point of penetration at a first pod end to a point of exit at a second pod end by a cutter set in motion relative to the pod.

WO 2005/123002 A1