



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : F25D 3/12	A1	(11) International Publication Number: WO 00/00776
		(43) International Publication Date: 6 January 2000 (06.01.00)

(21) International Application Number: PCT/NO99/00205

(22) International Filing Date: 18 June 1999 (18.06.99)

(30) Priority Data:

19982971 26 June 1998 (26.06.98) NO

(71) Applicants: NORSK HYDRO ASA [NO/NO]; N-0240 Oslo (NO). H & R INDUSTRIES, INCORPORATED [US/US]; P.O. Box 1191, 30553 South Dixie Highway, Beecher, IL 60401 (US).

(72) Inventors: HASE, Gary; 3535 West Eagle Lake Road, Monee, IL 60449 (US). TRUNDLEY, Colin; 45 Newry Road, St. Margarets, Twickenham, Middlesex TW1 1PJ (GB). SHOTTON, Paul; 143 Smithpool Road, Fenton, Stoke-on-Trent ST4 4PW (GB). LOZZA, Laura; Normannsgata 36 B, N-0655 Oslo (NO). SPANGELO, Åse; Nesjarv. 7, N-3960 Stathelle (NO).

(74) Agent: BERG, André; Norsk Hydro ASA, N-0240 Oslo (NO).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.
With amended claims.

(54) Title: METHOD AND CONTAINER FOR TRANSPORTING OR STORING GOODS, IN PARTICULAR FOOD PRODUCTS IN A FROZEN AND/OR CHILLED STATE

(57) Abstract

Method and container (1) for storing or transporting goods, in particular food products in a frozen and/or chilled state comprising a conditioned room (19) where the products are placed. The room is conditioned by means of a refrigerating medium (16, 17), for instance solid carbon dioxide (CO₂), arranged above the room, the refrigerating medium (16, 17) and the room (19) being divided by thermal partition means, such as an insulated panel (13, 14, 15). The thermal partition means between the refrigerating medium and said room is adapted to maintain a required amount of cold transfer between the refrigerant and the room (19). The amount of refrigerating medium is adapted in accordance with specifications such as the assumed duration of the transport/storage, the required storage temperature and a predicted average of the ambient temperature.

