

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁶:

H01M 6/12, 2/02, 2/04

A1

(11) International Publication Number:

WO 98/13888

(43) International Publication Date:

2 April 1998 (02.04.98)

(21) International Application Number:

PCT/US97/17577

(22) International Filing Date:

26 September 1997 (26.09.97)

(30) Priority Data:

08/722,754

27 September 1996 (27.09.96)

US

(71) Applicant (for all designated States except US): EVEREADY BATTERY COMPANY, INC. [US/US]; 25225 Detroit Road, Westlake, OH 44145 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MALAY, Manuel, R. [US/US]; 627 Salem Lane, Brunswick, OH 44212 (US).

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

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: GALVANIC CELL HAVING OPTIMUM INTERNAL VOLUME FOR ACTIVE COMPONENTS

(57) Abstract

A galvanic cell, especially a miniature galvanic cell, comprises a cupped container, a cover therefor, and a gasket, the cover having a depending flange, the gasket being compressed between the container and the flange of the cover such as to seal the cell and to electrically insulate the cover from the container, wherein the flange extends no further than half of the way into the container from the rim of the container and allows the gasket component to occupy less than 8 % of the internal volume of the cell, thereby allowing more room for active components.

