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(21) International Application Number: PCT/IB99/00277 (22) International Filing Date: 27 January 1999 (27.01.99) (30) Priority Data: 981/98 30 April 1998 (30.04.98) CH (71) Applicant (for all designated States except US): CREANOVA AG [CH/CH]; Mühlegasse 12a, CH-6340 Baar (CH). (72) Inventors; and (75) Inventors/Applicants (for US only): LAGLER, Louis [CH/CH]; Nurenbergstrasse 25, CH-8037 Zürich (CH). RENTSCH, Rudolf [CH/CH]; Pfannenstielstrasse 11, CH-8706 Meilen (CH). (74) Agent: RENTSCH, Rudolf, A.; Brem & Borer, Tödistrasse 52, Postfach 1071, CH-8039 Zürich (CH).	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, 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, 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, GM, KE, LS, MW, SD, 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 <i>With international search report.</i>	

(54) Title: COORDINATED MULTI-AXIS HINGE AND CLOSURE USING THE SAME**(57) Abstract**

A coordinated multi axis hinge arrangement provides a snap action between stable open and closed states. When the hinges operate between the stable open and closed states across a dead center position, resilient forces imparted by torsionally rigid connecting elements (33.1, 33.2) of the hinge to adjacent hinge parts such as body and lid elements are transferred by coupling or transmitting areas (45.1, 45.2) adjacent the bending regions (34.1 - 34.4) or film hinges to remote resilient deformation energy storage areas (40.1 - 40.3). As the inge passes a dead center position, this energy is in turn supplied and returned to the rigid connecting elements to impart snap action to the closure. The closure may be cast as a single piece of plastic material and may be cast in the open position.

