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(21) International Application Number: PCT/US95/05878 (22) International Filing Date: 8 May 1995 (08.05.95) (30) Priority Data: 08/298,950 31 August 1994 (31.08.94) US (71) Applicant: ECOLAB INC. [US/US]; Ecolab Center, St. Paul, MN 55102 (US). (72) Inventors: OAKES, Thomas, R.; 14525 Morgan Avenue North, Marine on the St. Croix, MN 55047 (US). WICK, Kristine, K.; 4249 Lodgepole Drive, Eagan, MN 55122 (US). CORDS, Bruce, R.; 4635 Park Ridge Drive, Eagan, MN 55123 (US). BULL, Sandra, L.; 1254 Wilderness Curve, Eagan, MN 55123 (US). RICHTER, Francis, L.; 241 Aurora Lane, Cricle Pines, MN 55014 (US). (74) Agent: DAIGNAULT, Ronald, A.; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 1000 Norwest Center, 55 East Fifth Street, St. Paul, MN 55101 (US).		(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TT, UA, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, 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), ARIPO patent (KE, MW, SD, SZ, UG). Published <i>Without international search report and to be republished upon receipt of that report.</i> (1) A2 + A3 (2) IPERT Annexes.
(54) Title: IMPROVED PROTEOLYTIC ENZYME CLEANER (57) Abstract Compositions of use as soil removing agents in the food processing industry are disclosed. Food soiled surfaces in food manufacturing and preparation areas can be cleaned. The compositions are manufactured in the form of a concentrate which is diluted with water and used. The cleaning materials are made in a two part system which are diluted with a diluent source and mixed prior to use. The products contain high quality cleaning compositions and use a variety of active ingredients. The preferred materials, in a two part system contain detergent compositions, enzymes that degrade food compositions, surfactants, low alkaline builders, water conditioning (softening) agents, and optionally a variety of formulary adjuvants depending on product form.		