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(21) International Application Number: PCT/US99/10784 (22) International Filing Date: 14 May 1999 (14.05.99) (30) Priority Data: 60/087,474 29 May 1998 (29.05.98) US (71) Applicant: ABB LUMMUS GLOBAL INC. [US/US]; 1515 Broad Street, Bloomfield, NJ 07003 (US). (72) Inventors: OVERBEEK, Rudolf, A.; 32 Lexington Court, Chatham, NJ 07928 (US). TRUBAC, Robert, E.; 614 Bartell Place, Ridgewood, NJ 07450 (US). STRANGIO, Vincent, A.; 33 Knutsen Drive, West Orange, NJ 07052 (US). PAIKERT, Bettina; Badener Strasse 8, CH-5452 Oberrohr (CH). LLOYD, Jonathan; Obere Gasse 4, CH-5400 Baden (CH). GRIFFIN, Timothy, A.; Bachtalstrasse 15, CH-5405 Ennetbad (CH). FDHILA, Rebei, B.; Gideonsbergsgatan 7A, S-722 25 Vasteras (SE). (74) Agents: FOURNIER, Arthur, E., Jr. et al.; ABB Worldwide Boiler Business Area, Patent Services, 2000 Day Hill Road, Windsor, CT 06095 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, 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, 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 <i>With international search report.</i>
(54) Title: STRUCTURED PACKING AND ELEMENT THEREFOR		
(57) Abstract A structured packing (2) (which may or may not include a catalyst) formed from a mesh material having pore openings of less than 50 microns wherein the packing (2) is provided with turbulence generators (24) to promote flow of fluid through the pore openings and may be further provided with additional openings larger than the pores to improve bulk mixing.		