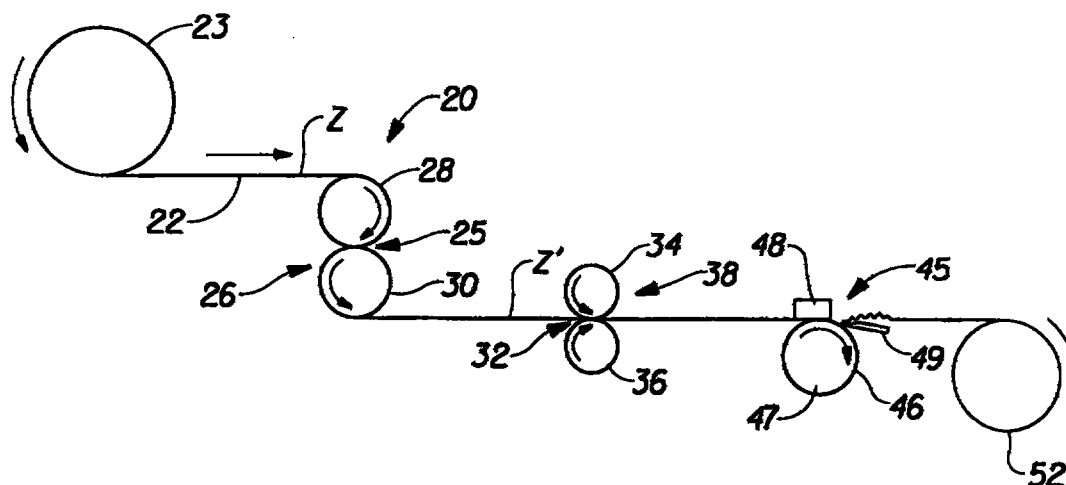




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(21) International Application Number: PCT/IB98/00460 (22) International Filing Date: 30 March 1998 (30.03.98) (30) Priority Data: 08/841,514 23 April 1997 (23.04.97) US (71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (72) Inventors: BENSON, Douglas, Herrin; 206 Jamison Road, West Harrison, IN 47060 (US). CURRO, John, Joseph; 3102 Dot Drive, Cincinnati, OH 45213 (US). (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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, GM, GW, HU, ID, 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, 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, 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 <i>With international search report.</i>

(54) Title: METHOD FOR MAKING A STABLE WEB HAVING ENHANCED EXTENSIBILITY IN MULTIPLE DIRECTIONS



(57) Abstract

The present invention provides a stable material having enhanced extensibility and a method for making the same. A tensioning force is applied to the neckable material to neck the material in a direction perpendicular to the first direction. The necked material is then subjected to mechanical stabilization to provide a stabilized extensible necked material. The stabilized extensible necked material is then passed between the peripheral surface of a cylinder which is driven in rotating motion and a device for pressing the stabilized extensible necked material against the peripheral surface of the cylinder. A retarding member retards the passage of the stabilized extensible necked material and directs the material away from the peripheral surface of the cylinder. The stabilized extensible necked material is easily extended in a direction parallel to the first direction and perpendicular to the first direction.