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(71) Applicant (for all designated States except US): **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **GUNDEL, Douglas B.**, [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) Agents: **LITTLE, Douglas, B.** et al.; 3M Center Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

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(54) Title: SHIELDED ELECTRICAL RIBBON CABLE WITH DIELECTRIC SPACING

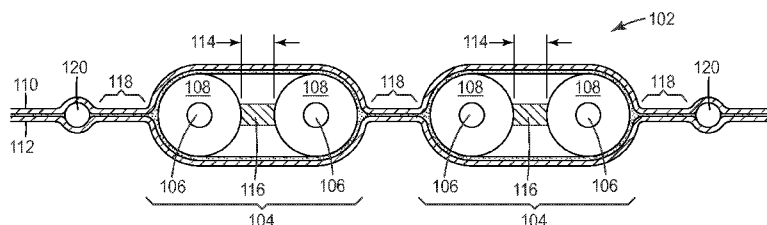


FIG. 16

(57) Abstract: An electrical ribbon cable (102) includes at least one conductor set (104) having at least two elongated conductors (106) extending from end-to-end of the cable. Each of the conductors (106) are encompassed along a length of the cable by respective first dielectrics (108). A first and second film (110, 112) extend from end-to-end of the cable and are disposed on opposite sides of the cable. The conductors (106) are fixably coupled to the first and second films (110, 112) such that a consistent spacing (114) is maintained between the first dielectrics (108) of the conductors (106) of each conductor set (104) along the length of the cable. A second dielectric (116) is disposed within the spacing (114) between the first dielectrics (108) of the wires of each conductor set (104).



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