

Abstract of the Disclosure

HIGH VOLTAGE SLOT LINER FOR ELECTRICAL MOTOR

An electric motor has a housing with a plurality of stator discs. The discs have slots that align with one another, forming passages. A dielectric film tube inserts into the slots, each of the tubes having a continuous circumference. Each tube has a nonmeltable dielectric film layer of high temperature insulation. The dielectric film layer has overlapping edges and is bonded to a carrier layer of a meltable material. The tubes may be inserted into the slot passages by drawing a vacuum in the interior of each tube, causing it to collapse so that it can be readily inserted.

Figure 1