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(54) Title: A BELT COMPRISING AN EMBEDDED TWO-COMPONENT CORD AND METHOD FOR MOLDED POWER TRANSMISSION BELTS

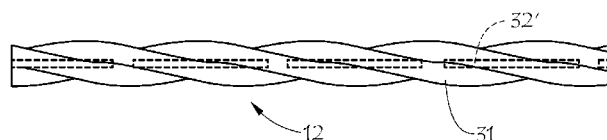


FIG. 7

(57) Abstract: A belt having a tensile cord (12) embedded in the belt, extending in a longitudinal direction and made up of two components: a tensile component (31) and a sacrificed component (32'). The sacrificed component may be broken into a plurality of discontinuous segments (32'). The tensile component provides most of the reinforcement of the belt. The sacrificial component of the precursor cord protects the tensile component from excessive stretching during cord treating and winding, but breaks, melts, or yields during mandrel expansion during the belt molding process, thus preserving the stretchability of the tensile component.