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(54) Title: PROCESS FOR PRODUCING AN ADHESIVE-TREATED POLYESTER FIBER CORD

(57) Abstract: An adhesive-treated polyester fiber cord having a high adhesion to non-vulcanized rubber, a high resistance to separation of fibers or filaments from each other, and being useful as a reinforcing cord for producing a rubber composite material such as belt having high dimensional stability and power transmission property, is produced by first impregnating a material cord a first adhesive liquid containing a polyepoxide compound and a blocked polyisocyanate compound in solid weight ratio of 1/3 - 1/15, by heat treating it at 160 - 240°C, by second treating the treated cord with a second adhesive liquid containing a resorcinol-formaldehyde resin and a rubber latex in a solid weight ratio of 1/3 - 1/15, by heat treating it at 180 - 240°C, by third treating the treated cord with a third adhesive liquid containing a resorcinol formaldehyde resin (resorcinol/formaldehyde molar ratio: 1/0.6 - 1/1.0) and a rubber component (including natural rubber in a content of at least 15% by weight and optionally vinyl pyridine-styrene-butadiene copolymer rubber) in a weight ratio of 1/10 - 1/20 and by heat treating at 140 - 170°C.