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IRRADIATION CURE PROCESSING OF ELASTOMERIC COMPONENTS

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Continuation of application Ser. No. 184,187, Sept. 27,
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No Drawing, 14 Pages Specification

A process for increasing the green strength of various components in the construction of tires, conveyor belting, fuel cells, and other similar elastomeric articles. The process may be used either on tire components such as chafer strips, non-black sidewalls, veneer strips and innerliners, in the latter case effecting bladderless curing, or on skim coated fabrics generally incorporated in elastomeric articles. The process is carried out by irradiation of mixtures of synthetic rubber and other materials having little or no natural rubber therein and yet having a green strength sufficient to withstand various processing operations for the manufacture of such articles.