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ABSTRACT

A composite of a resin member bonded to a rubber member is obtained by molding a resin molding element and
5 a rubber molding element with contacting said elements each other, and vulcanizing or crosslinking the rubber molding element, wherein said resin molding element is either of a resin composition and a resin member, each comprising the thermoplastic resin; and said rubber molding element
10 is either of a rubber composition and a rubber premolded article, each comprising at least an unvulcanized silicone rubber, and a radical-generating agent (e.g., organic peroxides) being activating on a surface to be contacted with said resin molding element. The thermoplastic resin
15 includes a polyamide-series resin, a polyester-series resin, a PPE-series resin, etc. The unvulcanized rubber composition may comprise a polyfunctional compound having plural polymerizable groups. Such a process can give a composite composed of a thermoplastic resin molded article
20 bonded to a vulcanized silicone rubber molded article directly and firmly without an adhesive treatment.