

Method for improving smoothness of vehicle movement, includes electromagnets in the form of toroidal control coils with contact rings that are located at the ends of the vehicle suspension control arms, which are combined with elastic sleeves made of magnetorheological elastomer, created by casting a composite mixture of a ferromagnetic powder filler and liquid rubber into a torus-shaped mold, and placed in a thermal oven for polymerization. The control coil of the elastic sleeve is electrically connected to a direct current source via contact rings, creating an electromagnetic field within the composite that forms the anisotropic structure of the magnetorheological elastomer during the polymerization process