Abstract

A multilayer thermoplastic container for storing and transporting liquid contents, especially combustible or explosive contents, is made of at least three superimposed layers and includes at least one layer for discharging an electric charge, which layer is normally applied as outer layer in known containers. Particular additional measures are required for grounding the content. The plastic container according to the invention is characterized by dispensing special grounding measures for the content as a consequence of the new constructive configuration because the innermost layer of the container in contact with the liquid content is made of virgin material and a second integrated inner layer which is covered by the innermost virgin material layer is electrically conductive as a result of incorporated additives, e.g. conductive carbon black and is covered on the outside by another electrically non-conductive layer. Electric charge carriers that accumulate on the surface of the thin inner layer due to the friction with the content are "suctioned through" large areas of the inner, electrically non-conductive layer by the second, electrically conductive layer and discharged.