

Abstract

In order to obtain a top forming part creasing mechanism in a device for forming a top portion of a paper container, which is capable of making creases in a top forming part of a tubular carton blank to be formed into a paper container having a flatly-folded top portion with a suction port formed in a center thereof for the purpose of easily folding the top forming part, the top forming part creasing mechanism includes: first creasing means (4) that valley-folds, along horizontal folding lines (111, 113), a right side panel (112) and a left side panel (114) of a carton blank (126) fitted onto a mandrel (2) so as to spread out the right side panel (112) and the left side panel (114) from a center to an outer side of the carton blank; second creasing means (5) that makes creases by inwardly mountain-folding a top upper surface panel (108) and a top upper surface auxiliary panel (110) along horizontal folding lines (107, 109); and third creasing means (6) that makes a crease by outwardly valley-folding a sealing panel (117), which is provided on an edge of the top upper surface auxiliary panel (110), along a horizontal folding line (116).

Fig. 1