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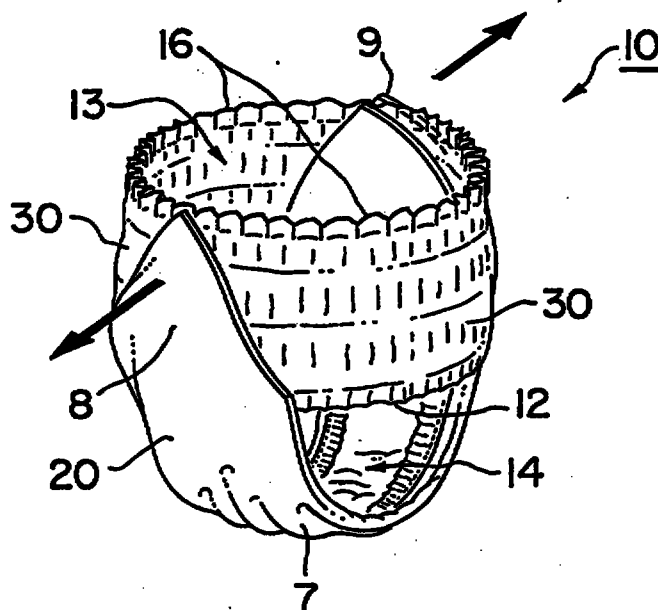
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(54) Title: DISPOSABLE DIAPER WITH FULLY ELASTICIZED WAIST OPENING



(57) Abstract

The present invention provides a disposable diaper having a fully elasticized waist opening with an improved fit of the diaper on the waist. A disposable pull-on diaper having a waist opening (13) and leg openings (14), includes an absorbent chassis (20) divided into halves by a longitudinal centerline, and elastic panels (30) which have a waist opening edge (16) and an opposing leg opening edge (12). The elastic panel is attached to a wearer-facing surface of each half of the chassis along attachment lines which comprise a front attachment line (21a, 21b) connecting a center of a front edge of the chassis to a point on each side of the chassis and a back attachment line (22a, 22b) connecting a center of a back edge of the chassis to a point on each side of the chassis. The elastic panel is attached to the chassis in such a manner that the waist opening edge of each elastic panel extends at least to the longitudinal centerline of the chassis. The elastic panels of the diaper form the entire waist opening.