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(54) Title: DISPOSABLE PANTTYPE DIAPER HAVING IMPROVED PROTECTION AGAINST RED MARKING AND METHOD FOR MAKING THE SAME

(57) Abstract

The present invention is directed to a disposable pull-on garment having a longitudinal center line, a front region, a back region and a crotch region between the front region and the back region. The disposable pull-on garment includes a chassis provided in the front, back and crotch regions. The chassis has edge lines in the front and back regions and includes a liquid pervious topsheet, a liquid impervious backsheet associated with the topsheet, and an absorbent core disposed between the topsheet and the backsheet. The disposable pull-on garment further includes at least one pair of extensible ear panels extending laterally outward from the chassis in the front or back region. Each of the ear panels has an outermost edge line. Each of the ear panels are joined to the chassis along the corresponding edge lines to form a seam, thereby forming two leg openings and a waist opening. At least one of the ear panel has, along the seam, a substantially bonded portion starting from the waist opening and an unbonded portion starting from the leg opening. The ratio in length of the unbonded portion to the substantially bonded portion is between about 4:96 and about 20:80. The present invention is also directed to a method for making such a disposable pull-on garment.

