

## Title (en)

DISPOSABLE PULL-ON ABSORBENT ARTICLE WITH MULTI-DIRECTIONAL EXTENSIBLE SIDE PANELS

## Title (de)

ABSORBIERENDER ANZIEHBARER EINWEGARTIKEL MIT MULTIDIREKTIONALEN DEHNBAREN SEITENTEILEN

## Title (fr)

ARTICLES ABSORBANTS A USAGE UNIQUE DESTINES A ETRE PORTES, AYANT DES PANNEAUX LATERAUX EXTENSIBLES DANS PLUSIEURS DIRECTIONS

## Publication

**EP 0957861 A1 19991124 (EN)**

## Application

**EP 96913008 A 19960423**

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## Abstract (en)

[origin: WO9635402A1] Absorbent articles such as disposable training pants, pull-up diapers, incontinence briefs, diaper holders, feminine hygiene garments, and the like, having extensible side panel features that improve the dynamic fit of the diaper around the legs and waist of the wearer. Such absorbent articles comprise a containment assembly comprising a liquid pervious topsheet; a liquid impervious backsheet; an absorbent core disposed between the topsheet and the backsheet; and extensible side panels, each comprising a waist panel and a thigh panel disposed along each longitudinal edge of the containment assembly in the first waist region. The waist panel and the thigh panel are operatively associated so that the waist panel has a primary direction of extensibility in one direction and the thigh panel has a primary direction of extensibility in a different direction. This forms a multi-directional extensible side panel wherein the waist panel provides tension around the wearer's waist to maintain fit about the waist and to hold the diaper on the wearer, and the thigh panel expands and contracts to maintain a dynamic fit around the leg of the wearer. Thus, the waist and thigh panels reduce the negative effects of the dynamic forces on the absorbent article, such as sagging and gapping that can cause leakage, while increasing freedom of motion and wearer comfort.

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## IPC 8 full level

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