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DISPOSABLE DIAPER

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A B S T R A C T

A disposable diaper (1) according to the invention include a liquid-impermeable topsheet (2), a liquid-permeable backsheet (3) and an absorbent core (4) therebetween. A pair of barrier cuffs (14) which are elastically extendable in a longitudinal direction of the diaper are provided to a transversely opposite side flaps (13) of the diaper. Front and rear ends of the barrier cuff (27, 28) are bonded to the diaper at longitudinally opposite ends thereof. Outer side edges (23) of the barrier cuffs are bonded to outer edges of the flaps (20) and inner side edges (26) of the barrier cuff are bonded to the flaps along lines defined between the outer side edges and transversely opposite side edges of the core. Each of the barrier cuffs has a dimension

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between the outer and inner side edges thereof selected to be larger than a dimension of the flap between the outer and inner side edges thereof.

Refer to Fig. 1. A disposable diaper (1) according to the invention include a liquid-impermeable topsheet (2), a liquid-permeable backsheet (3) and an absorbent core (4) therebetween. A pair of barrier cuffs (14) which are elastically extendable in a longitudinal direction of the diaper are provided to a transversely opposite side flaps (13) of the diaper. Front and rear ends of the barrier cuff (27, 28) are bonded to the diaper at longitudinally opposite ends thereof. Outer side edges (23) of the barrier cuffs are bonded to outer edges of the flaps (20) and inner side edges (26) of the barrier cuff are bonded to the flaps along lines defined

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between the outer side edges and transversely opposite side edges of the core. Each of the barrier cuffs has a dimension between the outer and inner side edges thereof selected to be larger than a dimension of the flap between the outer and inner side edges thereof.

Refer to Fig. 1.