

Title (en)

ARTICLE WITH FORESHORTENED TOPSHEET FORMING A CROTCH FLAP

Title (de)

ARTIKEL MIT EINE SCHRITTKLAPPE FORMENDER GEKREPPTER DECKSCHICHT

Title (fr)

ARTICLE PRÉSENTANT UNE COUCHE SUPÉRIEURE RACCOURCIE FORMANT UN RABAT D'ENTREJAMBE

Publication

EP 3057552 A1 20160824 (EN)

Application

EP 14790035 A 20141015

Priority

- GB 201318198 A 20131015
- EP 2014072080 W 20141015

Abstract (en)

[origin: GB2519291A] An article to be worn on the lower torso of a wearer e.g. diaper or nappy, the article exhibiting a width y direction corresponding to the left right orientation of the wearer during use, and a length x direction corresponding to a line running from the front waist through the crotch to the rear waist of the wearer during use. The article thickness z perpendicular to the x and y directions. The article comprising a front waist region 1112, a longitudinally opposite rear waist region 1118, a crotch region positioned longitudinally between the front and rear waist regions 1112, 1118 and comprising longitudinally offset regions of an anal region corresponding to the position of the anus of the wearer during use. A genital region corresponding to the labia or scrotum and penis, respectively during sue. A perineal region there between. The article further comprising a topsheet material 1200 comprising a first surface adapted to generally face towards the wearer during use and of which at least a portion is adapted to be in contact with the skin of the wearer during use. An opposite surface facing generally away from the wearer during use. A backsheet material 1300 positioned away from a wearer during use and having a first surface oriented towards the opposite surface of the topsheet 1200, defining an overall article length and optionally a further material positioned between the topsheet 1200 and the backsheet 1300, preferably an absorbent element wherein at least portions of the topsheet 1200 are connected to the backsheet 1300 or a further material in front and rear waist regions 1112, 1118, and along the longitudinally extending side margins of the backsheet 1300. Wherein portions of the topsheet 1200 are essentially unconnected to the backsheet 1300 or further layer at least in the perineal region. The article being characterised in that the topsheet 1200 further comprises a y directional foldline 1120 in the perineal region in that the article comprises topsheet 1200 foreshortening means 1122, 1128 adapted to foreshorten the surface length of the topsheet 1200 relative to the overall article length by connecting a first and a second connecting region 1112, 1128 of the topsheet 1200 to each other, forming in the topsheet 1200 a generally z directionally extending crotch flap region positioned longitudinally between the connecting regions 1122, 1128. The article comprises at least in the crotch region longitudinally overfolded side margins such the portions of the first surface are contacting each other.

IPC 8 full level

A61F 13/494 (2006.01); **A61F 13/495** (2006.01)

CPC (source: EP GB)

A61F 13/49007 (2013.01 - GB); **A61F 13/49473** (2013.01 - EP); **A61F 13/495** (2013.01 - EP); **A61F 13/51104** (2013.01 - GB); **A61F 2013/4951** (2013.01 - EP); **A61F 2013/4953** (2013.01 - EP); **A61F 2013/4956** (2013.01 - EP)

Citation (examination)

- US 2008110553 A1 20080515 - OTSUBO TOSHIFUMI [JP]
- WO 2011064272 A2 20110603 - CONCEPTS FOR SUCCESS C4S [DE], et al
- See also references of WO 2015055696A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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