

Title (en)

ASSEMBLY WITH ABSORBENT INCONTINENCE ARTICLES IN THE FORM OF UNDERPANTS

Title (de)

ANORDNUNG MIT ABSORBIERENDEN INKONTINENZARTIKELN IN HÖSCHENFORM

Title (fr)

ENSEMBLE AYANT DES ARTICLES ABSORBANTS POUR INCONTINENCE SOUS LA FORME D'UN SOUS-VÊTEMENT

Publication

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Application

**EP 20838924 A 20201215**

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Abstract (en)

[origin: WO2021122607A1] The invention relates to an assembly (1) with absorbent incontinence articles (21, 22, 23, 24) in the form of underpants, comprising a first incontinence article (21) of a first size GR1, a second incontinence article (22) of a second size GR2, a third incontinence article (23) of a third size GR3, and a fourth incontinence article (24) of a fourth size GR4, wherein  $GR1 < GR2 < GR3 < GR4$ , and the incontinence articles are made of the main components of a stomach section, a back section, and a crotch section. A first elastic region (16) with a number of first elastic means (18) is provided in a crotch-side region (14) of the respective back section, said region facing the leg opening, and the first elastic means extend from the two side seam regions (9) in the direction of a longitudinal central axis (19) of the incontinence article. The first elastic means have a component in the longitudinal direction (2) as well as a component in the transverse direction (3), said component in the longitudinal direction (2) having a maximum distance  $\Delta Y$ . For the ratio S of the maximum distance  $\Delta Y(i)$  of the innermost first elastic means (32) to the maximum distance  $X_{max}$  in the transverse direction (3) of an expansion region (62) of the respective incontinence article, said expansion region being covered by the first elastic means, and therefore S1 of the first incontinence article, S2 of the second incontinence article, S3 of the third incontinence article, and S4 of the fourth incontinence article,  $S1 > S2 > S3 > S4$  holds true, and each ratio of the ratios S1/S2, S1/S3, and S1/S4 ranges from 1.1 - 2.2, in particular from 1.2 - 2.1.

IPC 8 full level

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