Title (en)

ABSORBENT COMPOSITE WITH A RESILIENT COFORM LAYER

Title (de)

SAUGFÄHIGER VERBUNDSTOFF MIT EINER NACHGIEBIGEN COFORM-SCHICHT

Title (fr)

COMPOSITE ABSORBANT AVEC UNE COUCHE DE COFORME RÉSILIENTE

Publication

EP 2558050 A4 20140903 (EN)

Application

EP 11768531 A 20110315

Priority

- US 87219010 A 20100831
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- IB 2011051088 W 20110315

Abstract (en)

[origin: WO2011128790A2] An absorbent composite disposed in an absorbent article between a topsheet and a backsheet is presented, the absorbent composite including a first intake layer disposed between the topsheet and the backsheet, and a retention layer disposed between the topsheet and the backsheet, wherein one of the first intake layer and the retention layer includes a resilient coform material. When the first intake layer includes a resilient coform material, the retention layer includes one of a high-density, hydrogen-bonded, fluff/superabsorbent polymer material, a spunlace material, a superabsorbent polymer/adhesive composite material, and a foam material. The absorbent composite can further include a distribution layer disposed between the topsheet and the backsheet, the distribution layer including one of a meltblown microfiber material, a spunlace material, and a foam material.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [XI] WO 9803133 A2 19980129 - PROCTER & GAMBLE [US]
- [XI] US 5562645 A 19961008 - TANZER RICHARD W [US], et al
- [XI] US 4531945 A 19850730 - ALLISON JOHN P [US]
- [XI] US 2003135178 A1 20030717 - HANSEN EBBA A [US]
- [XI] WO 2004062528 A2 20040729 - KIMBERLY CLARK CO [US], et al
- [X] US 4724114 A 19880209 - MCFARLAND TIMOTHY M [US], et al
- See references of WO 2011128790A2

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