

Title (en)
SUPERABSORBENT PAD

Title (de)
SUPERSAUGFÄHIGES POLSTER

Title (fr)
TAMPON SUPERABSORBANT

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Application
EP 05776554 A 20050719

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Abstract (en)
[origin: WO2006020213A2] An absorbent article comprises an absorbent core, such as cellulose and a superabsorbing material, and a bicomponent fiber layer, the core being attached to the layer but not completely surrounded by it. The core and the layer absorb fluid. The superabsorbent material is present in an amount typically less than about 70% by weight, based on total weight of the core's materials. The article in the form of a pad may be utilized to absorb bodily fluids, such as in dental applications. In one embodiment, the superabsorbent material is an acrylate copolymer, the bicomponent fiber comprises, by weight, about 35% polypropylene and about 50% polyethylene, and the article has a free swell of approximately 50-75 grams of fluid per gram of absorbent pad; this amount is substantially greater than the standard sized cotton roll used in dental applications. Also disclosed are methods of using the article and the pad.

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