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(54) Title: ABSORBENT ARTICLE WITH A TRANSFER DELAY LAYER

(57) Abstract: There is provided a personal care absorbent article having an absorbent core that has been treated in a manner, or is made from materials, that inhibit the transfer of liquid through the structure in the target area. The distribution layer above the core could likewise be treated in a manner that discourages Z-directional fluid movement. A separate transfer delay layer is avoided, thereby simplifying manufacture and reducing costs. A number of transfer delay treatments are possible. These include increasing the density of the upper layer of the absorbent core or lower layer of the distribution layer below the target area, making the absorbent core below the target area rich in superabsorbent, making all or part of the core below the target area from very slow absorbing superabsorbents, including a soluble binder in the core below the target area, treating the core or distribution layer below the target area with a hydrophobic treatment, or combinations of these methods.

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Patent family members are listed in annex.

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