

Title (en)

UNITARY ABSORBENT STRUCTURE CONTAINING SUPERABSORBENT POLYMER

Title (de)

SUPERABSORBIERENDES MATERIAL ENTHALTENDE EINHEITLICHE SAUGFÄHIGE STRUKTUR

Title (fr)

STRUCTURE UNITAIRE ABSORBANTE RENFERMANT UN POLYMERE ULTRA-ABSORBANT

Publication

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Application

EP 99955416 A 19990608

Priority

- US 9913174 W 19990608
- US 8845498 P 19980608

Abstract (en)

[origin: WO9963925A1] Disclosed is a unitary absorbent structure (10), including an upper fibrous layer (12) having a liquid acquisition zone (2) extending to one surface, and a liquid distribution zone (4) extending to the other surface. A lower fibrous liquid storage layer (14) is in liquid communication with the distribution zone surface of the upper layer. The storage layer includes SAP particles (18). A containment layer (8) surrounds the storage layer and extends to the outer edges of the structure. The containment layer contains the fibers (6), and SAP particles of the storage layer against the distribution zone surface of the upper layer.

IPC 1-7

A61F 13/46

IPC 8 full level

A61F 5/44 (2006.01); **A61F 13/14** (2006.01); **A61F 13/15** (2006.01); **A61F 13/49** (2006.01); **A61F 13/53** (2006.01); **B32B 5/22** (2006.01); **B32B 5/26** (2006.01); **C08J 5/18** (2006.01); **D04H 13/00** (2006.01)

CPC (source: EP KR)

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