

Title (en)

WATER DISPERSIBLE PRODUCTS

Title (de)

WASSERDISPERGIERBARE PRODUKTE

Title (fr)

PRODUITS POUVANT SE DISPERSER DANS L'EAU

Publication

**EP 1682720 A4 20080618 (EN)**

Application

**EP 04817498 A 20041029**

Priority

- US 2004036232 W 20041029
- US 51548003 P 20031029

Abstract (en)

[origin: WO2005042631A2] Water dispersible fiber products are provided. In one embodiment, a water dispersible fiber sheet is provided and it is preferably formed from regenerated cellulose fibers, a second fiber that is adapted to provide strength to the water dispersible fiber sheet, and a water soluble binder. In use, the fiber sheet can be formed into a variety of products including, for example, for labels, packaging, medical and health care products. The fiber sheet is particularly advantageous in that it is readily dispersible upon contact with water, yet it will retain its strength when used with other fluids, such as alcohol and oils. The biodegradability of the fiber sheet will also allow the fibers to be consumed naturally by environmental bacteria, thus eliminating the need for special disposal procedures. In another embodiment, the water dispersible fiber sheet can be incorporated into a filter media.

IPC 8 full level

**D21H 11/12** (2006.01); **B01D 39/00** (2006.01); **C08L 1/00** (2006.01); **C08L 29/02** (2006.01); **D21H 13/00** (2006.01); **D21H 17/00** (2006.01)

IPC 8 main group level

**C08L** (2006.01)

CPC (source: EP US)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2005042631A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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