

Title (en)

DIFFERENTIALLY ENTANGLED NONWOVEN FABRIC FOR USE AS WIPES

Title (de)

DIFFERENTIELL VERWIRBELTER VLIESTOFF ALS WISCHTUCH

Title (fr)

TISSU NON TISSE A ENCHEVETREMENTS DE FIBRES DIFFERENTS DESTINE A ETRE UTILISE COMME LINGETTE

Publication

**EP 1461483 A4 20050309 (EN)**

Application

**EP 02801025 A 20021011**

Priority

- US 0232498 W 20021011
- US 32921401 P 20011012

Abstract (en)

[origin: WO03031710A1] The invention is directed to a hydroentangled nonwoven wipe, the outer surface of which exhibits highly entangled fibers whereas the inner layer exhibits lightly entangled fibers. In particular, the present invention contemplates that a fabric is formed from a fibrous batt that is subjected to fluidic energy, preferably hydraulic energy, applied to one or both faces of a fibrous batt. The hydraulic energy is moderated against the basis weight of the fibrous batt to achieve the degree of surface entanglement desired. Wipes formed in accordance with the present invention exhibit a sufficient degree of strength, softness and non-linting performance, while providing the necessary resistance to tearing and abrasion, to facilitate use in a wide variety of applications utilizing wipes, such as graphic arts and lithography.

IPC 1-7

**D04H 1/46**; **D04H 3/10**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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DE FR

DOCDB simple family (publication)

**WO 03031710 A1 20030417**; DE 60219358 D1 20070516; DE 60219358 T2 20071213; EP 1461483 A1 20040929; EP 1461483 A4 20050309; EP 1461483 B1 20070404; US 2003124942 A1 20030703

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