

Title (en)  
NONWOVEN FABRICS

Publication  
**EP 0148033 B1 19900905 (EN)**

Application  
**EP 84309135 A 19841228**

Priority  
• US 56817184 A 19840105  
• US 56817484 A 19840105

Abstract (en)  
[origin: EP0148033A2] An improved heavy-weight, nonapertured, nonwoven fabric of hydraulically entangled synthetic organic staple fibers has a unit weight of 200 to 850 g/m<2> [6 to 25 oz/yd<2>], a strip tensile strength of at least 0.26 (N/cm)/(g/m<2>) [5 (lb/in)/(oz/yd<2>)] and a resistance to disentanglement of at least 50 alternate extension cycles. The fabric is much stronger than such prior art heavy-weight nonwoven fabrics of hydraulically entangled staple fibers.

IPC 1-7  
**D04H 1/44**

IPC 8 full level  
**D04H 1/44** (2006.01); **D04H 1/46** (2012.01)

CPC (source: EP KR)  
**D04H 1/4334** (2013.01 - KR); **D04H 1/435** (2013.01 - KR); **D04H 1/492** (2013.01 - EP KR)

Cited by  
CN1308519C; EP0187704A3; FR2856414A1; US5355565A; FR2705698A1; US7669304B2; US7467445B2; WO0250355A1; WO0250357A1; WO2004113602A1; WO2023278929A1

Designated contracting state (EPC)  
BE DE FR GB IT LU NL

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**EP 0148033 A2 19850710; EP 0148033 A3 19870304; EP 0148033 B1 19900905**; DE 3483149 D1 19901011; DK 6685 A 19850706; DK 6685 D0 19850104; IE 56334 B1 19910619; IE 850004 L 19850705; JP 2595202 B2 19970402; JP S60155761 A 19850815; KR 850005519 A 19850826; KR 910006427 B1 19910824

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**EP 84309135 A 19841228**; DE 3483149 T 19841228; DK 6685 A 19850104; IE 485 A 19850102; JP 27497684 A 19841228; KR 850000009 A 19850104