

Title (en)  
DYE SCAVENGING ARTICLE

Title (de)  
FARBSTOFFAUFHÄNGER

Title (fr)  
ARTICLE DE CAPTURE DE COULEURS

Publication  
**EP 1115936 A4 20030813 (EN)**

Application  
**EP 99926081 A 19990528**

Priority  

- US 9912043 W 19990528
- US 8851198 A 19980601
- US 26780699 A 19990312

Abstract (en)  
[origin: WO9963142A1] A dye scavenging article (148) is provided for use in scavenging extraneous random dyes from the wash and rinse waters during a laundry process. The dye scavenging article (148) is constructed to substantially prevent its being trapped or commingled with the clothing items. The dye scavenging article (148) may include a buoyant or floatation member (152). A stiffening member (164) may also be provided which maintains the dye scavenging article (148) in an open state during the washing process. This construction allows the dye scavenging article (148) to be exposed to the entire volume of wash and rinse waters during the laundry process to enhance effectiveness.

IPC 1-7  
**D06F 39/00**; **D06F 39/02**

IPC 8 full level  
**D06F 35/00** (2006.01); **D06F 39/00** (2006.01)

CPC (source: EP US)  
**C11D 3/0021** (2013.01 - EP US); **C11D 17/046** (2013.01 - EP); **C11D 17/049** (2013.01 - EP)

Citation (search report)  

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- [X] US 4494264 A 19850122 - WATTIEZ DANIEL [FR], et al
- [Y] US 5211689 A 19930518 - KOBAYASHI NOBUTAKA [JP]
- [Y] EP 0033815 A2 19810819 - DIXIE YARNS [US]
- [YD] US 3816321 A 19740611 - KLEINSCHMIDT D
- [Y] EP 0325944 A1 19890802 - HENKEL KGAA [DE]
- [YD] US 4026131 A 19770531 - DUGGER ELIZABETH L, et al
- [YD] US 4380453 A 19830419 - CLAIBORNE J LYLE
- See references of WO 9963142A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**WO 9963142 A1 19991209**; AU 4224199 A 19991220; AU 747187 B2 20020509; BR 9910835 A 20020129; CN 1306588 A 20010801; EP 1115936 A1 20010718; EP 1115936 A4 20030813; EP 1115936 B1 20080827; JP 2002517264 A 20020618; PL 344583 A1 20011105

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**US 9912043 W 19990528**; AU 4224199 A 19990528; BR 9910835 A 19990528; CN 99807668 A 19990528; EP 99926081 A 19990528; JP 2000552331 A 19990528; PL 34458399 A 19990528