

Title (en)  
CELLULOSE ACETATE TOW AND METHOD OF MAKING SAME

Title (de)  
CELLULOSEACETATKABEL UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
ETOUPE D'ACETOCELLULOSE ET SON PROCEDE DE FABRICATION

Publication  
**EP 1766115 A2 20070328 (EN)**

Application  
**EP 05741728 A 20050426**

Priority

- US 2005014536 W 20050426
- US 87794404 A 20040625

Abstract (en)  
[origin: US2005287368A1] A fiber finish, particularly for cellulose acetate tow, is an emulsion of 62.0 to 65.0 weight percent mineral oil, 27.0 to 28.0 weight percent emulsifiers, and the balance being water. The emulsifiers are a mixture of 50.0 to 52.0 weight percent sorbitan monolaurate and 48.0 to 50.0 weight percent POE (20) sorbitan monolaurate. The finish has an add-on weight of 3 to 8 weight percent of the total weight of the tow.

IPC 8 full level  
**D02G 3/00** (2006.01); **A24D 3/10** (2006.01); **A24D 3/14** (2006.01); **D02G 1/12** (2006.01); **D02G 1/20** (2006.01)

CPC (source: EP KR US)  
**A24D 3/10** (2013.01 - EP US); **A24D 3/14** (2013.01 - EP US); **D02G 1/12** (2013.01 - EP US); **D02G 1/20** (2013.01 - KR); **D06M 7/00** (2013.01 - EP US); **D06M 13/02** (2013.01 - EP US); **D06M 13/224** (2013.01 - EP US); **D06M 15/01** (2013.01 - KR); **D06M 2200/40** (2013.01 - EP US); **Y10T 428/2933** (2015.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**US 2005287368 A1 20051229**; CN 1973072 A 20070530; CN 1973072 B 20121031; EP 1766115 A2 20070328; EP 1766115 A4 20090715; JP 2008504454 A 20080214; JP 4369515 B2 20091125; KR 100837769 B1 20080613; KR 20070039547 A 20070412; MX PA06014332 A 20070312; WO 2006007018 A2 20060119; WO 2006007018 A3 20060928

DOCDB simple family (application)  
**US 87794404 A 20040625**; CN 200580021120 A 20050426; EP 05741728 A 20050426; JP 2007518049 A 20050426; KR 20077001126 A 20070116; MX PA06014332 A 20050426; US 2005014536 W 20050426