

Title (en)  
ANTIBACTERIAL FIBER, TEXTILE AND WATER-TREATING ELEMENT USING THE FIBER AND METHOD OF PRODUCING THE SAME

Title (de)  
ANTIBAKTERIELLE FASER, DIESE FASER VERWENDENDEN TEXTILMATERIAL UND VORRICHTUNG ZUR BEHANDLUNG VON WASSER, UND VERFAHREN ZUR HERSTELLUNG DERSELBEN

Title (fr)  
FIBRE ANTIBACTERIENNE, TEXTILE ET ELEMENT DE TRAITEMENT DES EAUX A BASE DE CETTE FIBRE ET PROCEDE DE PRODUCTION

Publication  
**EP 0715663 A1 19960612 (EN)**

Application  
**EP 94918574 A 19940624**

Priority  
JP 9401027 W 19940624

Abstract (en)  
[origin: WO9600321A1] An antibacterial fiber includes an ion exchange fiber and an antibacterial metal ion entrapped within the ion exchange fiber through an ion exchange reaction. The invention also discloses antibacterial textiles and water-treating element using the fibers.

IPC 1-7  
**D06M 16/00**; **D06M 11/65**; **D06M 11/55**; **B01J 47/12**; **C02F 1/50**

IPC 8 full level  
**A61L 2/16** (2006.01); **C02F 1/50** (2006.01); **D06M 11/55** (2006.01); **D06M 11/65** (2006.01); **D06M 16/00** (2006.01)

CPC (source: EP KR)  
**A61L 2/16** (2013.01 - EP); **C02F 1/505** (2013.01 - EP); **D06M 11/55** (2013.01 - EP); **D06M 11/65** (2013.01 - EP); **D06M 16/00** (2013.01 - EP KR); **C02F 2201/006** (2013.01 - EP)

Citation (search report)  
See references of WO 9600321A1

Designated contracting state (EPC)  
GB

DOCDB simple family (publication)  
**WO 9600321 A1 19960104**; AU 6983694 A 19960119; EP 0715663 A1 19960612; KR 960704107 A 19960831

DOCDB simple family (application)  
**JP 9401027 W 19940624**; AU 6983694 A 19940624; EP 94918574 A 19940624; KR 19960700929 A 19960224