

Title (en)
POLYVINYL CHLORIDE FIBERS FOR ARTIFICIAL HAIR AND PRODUCTION OF THE SAME

Publication
EP 0355749 A3 19910313 (EN)

Application
EP 89115298 A 19890818

Priority
JP 20496388 A 19880818

Abstract (en)
[origin: EP0355749A2] A vinyl chloride base fiber for artificial hairs which comprises a copolymer comprising 85 to 70 % by weight of repeating units derived from vinyl chloride, 15 to 30 % by weight of repeating units derived from acrylonitrile and 0 to 5 % by weight of repeating units derived from at least one ethylenically unsaturated monomer copolymerizable therewith, which fiber has good beauty properties.

IPC 1-7
D01F 6/32; A41G 3/00

IPC 8 full level
A63H 3/44 (2006.01); **A41G 3/00** (2006.01); **D01D 5/253** (2006.01); **D01F 6/32** (2006.01); **D01F 6/40** (2006.01)

CPC (source: EP KR)
A41G 3/00 (2013.01 - KR); **A41G 3/0083** (2013.01 - EP); **D01D 5/253** (2013.01 - EP); **D01F 6/32** (2013.01 - EP KR)

Citation (search report)

- [X] US 4012346 A 19770315 - MAKIYAMA MUNETO, et al
- [Y] EP 0016450 A1 19801001 - TEIJIN LTD [JP]
- [A] DATABASE JAPS / J.P.O, Derwent Publicatons Ltd, London, GB; & JP-A-57 089 613 (KANEAGUFUCHI CHEM.) 04-06-1982
- [A] DATABASE WPIL, accession no. 88-328003 [46], Derwent Publications Ltd, London, GB; & JP-A-63 243 317 (TOKUYAMA SEKISUI K.K.) 11-10-1988
- [A] DATABASE WPI, accession no. 80-11821C [07], Derwent Publications Ltd, London, GB; & JP-A-55 001 388 (TEIJIN) 08-01-1980

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0355749 A2 19900228; EP 0355749 A3 19910313; EP 0355749 B1 19960320; CA 1333739 C 19941227; CN 1040402 A 19900314; DE 68926003 D1 19960425; DE 68926003 T2 19960829; JP H0253910 A 19900222; JP H06104928 B2 19941221; KR 0130470 B1 19980408; KR 900003439 A 19900326

DOCDB simple family (application)
EP 89115298 A 19890818; CA 608536 A 19890816; CN 89106572 A 19890818; DE 68926003 T 19890818; JP 20496388 A 19880818; KR 890011794 A 19890818