

Title (en)

PROCESS FOR THE MANUFACTURE OF WIGS AND HAIR SUBSTITUTES FROM SYNTHETIC HAIR.

Publication

**EP 0173925 B1 19890719 (DE)**

Application

**EP 85110601 A 19850823**

Priority

DE 3431886 A 19840830

Abstract (en)

[origin: US4813969A] The invention deals with a process for production of synthetic hairs for use in wigs, hair pieces, etc. While the natural appearance of synthetic hair is retained, the synthetic hair has a high thermal resistance. In the process, individual hair is given a diffuse light refraction by altering its structure surface, by means of chemically disturbing the surface. The process is so conducted that the surface of a single filament polyester fiber is disturbed by means of a corrosive alkaline lye, in which the solution of about 20 g/l of natrium hydroxide works into the fiber at a temperature of 96 DEG C.-100 DEG C.

IPC 1-7

**A41G 5/00**; **D06M 3/34**; **D06M 5/02**; **D06M 10/00**; **D06M 15/263**

IPC 8 full level

**A41G 3/00** (2006.01); **A41G 5/00** (2006.01); **D06M 10/00** (2006.01); **D06M 11/38** (2006.01); **D06M 15/263** (2006.01)

CPC (source: EP US)

**A41G 3/0083** (2013.01 - EP US); **D06M 10/005** (2013.01 - EP US); **D06M 11/38** (2013.01 - EP US); **D06M 15/263** (2013.01 - EP US)

Cited by

DE3540411A1; JPS6312716A; US5017423A; AU597290B2; FR2630306A1; GB2219965A; GB2219965B; WO8703021A1; WO9410873A1

Designated contracting state (EPC)

BE DE FR GB IT LU NL SE

DOCDB simple family (publication)

**EP 0173925 A1 19860312**; **EP 0173925 B1 19890719**; **EP 0173925 B2 19920819**; DE 3431886 A1 19860313; DE 3431886 C2 19880908; DE 3571660 D1 19890824; JP S61245301 A 19861031; US 4813969 A 19890321

DOCDB simple family (application)

**EP 85110601 A 19850823**; DE 3431886 A 19840830; DE 3571660 T 19850823; JP 19300785 A 19850830; US 76971985 A 19850827