

Title (en)

CIGARETTE FILTER.

Title (de)

ZIGARETTENFILTER.

Title (fr)

FILTRE DE CIGARETTE.

Publication

EP 0609284 A1 19940810 (DE)

Application

EP 92921347 A 19921016

Priority

- AT 210191 A 19911022
- AT 9200126 W 19921016

Abstract (en)

[origin: WO9307771A1] Described are methods of manufacturing a cellulose-acetate bundle, the filaments making up the bundle being produced by extruding a solution containing, in addition to cellulose-(2,5)-acetate and solvent, non-toxic compounds which are only slightly soluble in the solution and whose molecular diameter is at least 30 % less than the diameter of the filaments. Water-soluble or bacteriologically degradable organic compounds, in particular starch, starch derivatives or dextrins, are used as the additives.

Abstract (fr)

Procédé de fabrication d'un faisceau d'acétate de cellulose. Les fibres qui composent ce faisceau sont obtenues par extrusion d'une solution à filer. Outre de l'acétocellulose 2,5 et un solvant, cette solution contient des composés non toxiques qui y sont difficilement solubles. Ces composés ont un diamètre qui fait au moins 30 % de moins que celui des fibres. On utilise comme additifs des composés organiques bactériologiquement dégradables ou solubles dans l'eau, en particulier de l'amidon, des dérivés de l'amidon ou des dextrines.

IPC 1-7

A24D 3/10; A24D 3/14; A24D 3/16; D01F 1/10; D01F 2/28

IPC 8 full level

A24D 3/10 (2006.01); A24D 3/14 (2006.01); A24D 3/16 (2006.01); C08L 101/16 (2006.01); D01F 1/10 (2006.01); D01F 2/28 (2006.01)

CPC (source: EP KR)

A24D 3/068 (2013.01 - EP); A24D 3/10 (2013.01 - KR); A24D 3/14 (2013.01 - EP); A24D 3/16 (2013.01 - EP); D01F 1/10 (2013.01 - EP); D01F 2/28 (2013.01 - EP)

Cited by

US5922110A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI NL SE

DOCDB simple family (publication)

CA 2121136 A1 19930429; CA 2121136 C 20010306; AT 396862 B 19931227; AT A210191 A 19930515; AT E135892 T1 19960415; CN 1053563 C 20000621; CN 1072580 A 19930602; DE 59205875 D1 19960502; DK 0609284 T3 19960520; EP 0609284 A1 19940810; EP 0609284 B1 19960327; ES 2085650 T3 19960601; GE P19991509 B 19990305; GR 3019451 T3 19960630; JP H07500385 A 19950112; KR 100264527 B1 20000901; KR 940702696 A 19940917; RU 2083146 C1 19970710; UA 27822 C2 20001016; WO 9307771 A1 19930429; ZA 928128 B 19930504

DOCDB simple family (application)

CA 2121136 A 19921016; AT 210191 A 19911022; AT 9200126 W 19921016; AT 92921347 T 19921016; CN 92112850 A 19921021; DE 59205875 T 19921016; DK 92921347 T 19921016; EP 92921347 A 19921016; ES 92921347 T 19921016; GE AP1992002490 A 19921016; GR 960400815 T 19960328; JP 50727293 A 19921016; KR 19940701133 A 19940408; RU 94021652 A 19921016; UA 94005431 A 19921016; ZA 928128 A 19921021