

Title (en)  
Cellulose acetate based products, their use in the manufacture of filtertows for the production of tobacco smoke filters as well as filtertows and tobacco smoke filters.

Title (de)  
Aus Celluloseacetat geformte Gebilde, deren Verwendung zur Herstellung von Filtertow, Verwendung des Filtertows zur Herstellung eines Tabakrauchfilterelements sowie Filtertow und Tabakrauchfilterelement.

Title (fr)  
Produits à base d'acétate de cellulose, leur utilisation pour la fabrication de cordons filtrants pour la fabrication de filtres à fumée de tabac ainsi que les cordons filtrants et filtres à cigarettes.

Publication  
**EP 0632970 A3 19950419 (DE)**

Application  
**EP 94107825 A 19940520**

Priority  
DE 4322966 A 19930709

Abstract (en)  
[origin: EP0632970A2] Described are shaped cellulose acetate articles within which or on whose surface is present an additive, said additive consisting of a nitrogen-containing organic compound whose degradation through microorganisms gives rise to basic decomposition products, in particular ammonia and/or basic compounds having an NH group or NH groups and/or an NH<sub>2</sub> group or NH<sub>2</sub> groups. The articles can have the shape of filaments, fibres, films, sheets, plates or other structures. The invention also relates to the use of the articles in the form of filaments and/or fibres for the manufacture of filter tow, to such a filter tow and to the use of such a filter tow for manufacturing a tobacco smoke filter element and to such a tobacco smoke filter element. The articles, the filter tow and the tobacco smoke filter element of the invention show improved biodegradation under the action of environmental influences, but the filter tow and the tobacco smoke filter element can be stored under the conditions customary today without risk of microbiological degradation.

IPC 1-7  
**A24D 3/10**; **A24D 3/14**

IPC 8 full level  
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CPC (source: EP KR US)  
**A24D 3/068** (2013.01 - EP US); **A24D 3/10** (2013.01 - EP KR US); **A24D 3/14** (2013.01 - EP US)

Citation (search report)

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**EP 94107825 A 19940520**; CA 2124629 A 19940530; CN 94108241 A 19940708; CN 96123282 A 19961219; DE 4322966 A 19930709; DE 59409066 T 19940520; EE 9400221 A 19941117; JP 15883494 A 19940711; KR 19940013953 A 19940620; LT IP1995 A 19940708; RU 94026291 A 19940708; US 9456393 A 19930720