

Title (en)

PROCESS FOR IMPREGNATING TOBACCO SMOKE FILTER FIBRES WITH POLYCARBOXYLIC ACID OR SALTS THEREOF

Publication

EP 0383018 A3 19901107 (DE)

Application

EP 90100642 A 19900112

Priority

DE 3904239 A 19890213

Abstract (en)

[origin: EP0383018A2] A process for impregnating fibres of a tobacco smoke filter with physiologically and sensorially safe polycarboxylic acids or acidic salts thereof, in which the polycarboxylic acids which are crystalline at ambient and processing temperatures, or the acidic salts thereof, are suspended, in the form of fine particles having a number average particle size of less than 50 μm , in an organic, liquid medium and the resulting suspension is applied to the fibres, leads to a filter material which permits an effective increase in the nicotine retention without adversely affecting the condensate yield and the resistance to drawing.

IPC 1-7

A24D 3/14; **A24D 3/16**

IPC 8 full level

A24D 3/14 (2006.01); **A24D 3/16** (2006.01)

CPC (source: EP)

A24D 3/14 (2013.01)

Citation (search report)

- [A] GB 1208491 A 19701014 - GALLAHER LTD [IE]
- [A] US 3410282 A 19681112 - THEODORE ROOSEVELT, et al
- [A] CH 451787 A 19680515 - ROTHSTEIN GABRIEL [FR]
- [A] DE 1692895 A1 19720518 - BRINKMANN AG M

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KR20160042980A; US5246017A; US5076294A; US5105834A; WO0121018A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0383018 A2 19900822; **EP 0383018 A3 19901107**; **EP 0383018 B1 19940105**; AT E99505 T1 19940115; DE 3904239 C1 19900517; DE 59004063 D1 19940217

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