Title (en)

FILAMENT OR FIBRE ABSORBING ACID AND/OR BASIC GASES, METHOD FOR MANUFACTURING SUCH A FILAMENT OR SUCH A FIBRE, TEXTILE ITEM COMPRISING SUCH A FILAMENT OR SUCH A FIBRE

Title (de)

FILAMENT- ODER FASERABSORBIERENDE SAURE UND/ODER BASISCHE GASE, VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN FILAMENTS ODER EINER SOLCHEN FASER, TEXTILARTIKEL, EIN SOLCHES FILAMENT ODER EINE SOLCHE FASER UMFASSEND

Title (fr)

FILAMENT OU FIBRE ABSORBANT LES GAZ ACIDES ET/OU BASIQUES, PROCÉDÉ DE FABRICATION D'UN TEL FILAMENT OU D'UNE TELLE FIBRE, ARTICLE TEXTILE COMPRENANT UN TEL FILAMENT OU UNE TELLE FIBRE

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Application

EP 18717962 A 20180424

Priority

- FR 1753624 A 20170426
- EP 2018060468 W 20180424

Abstract (en)

[origin: WO2018197485A1] The present invention relates to a filament or fibre absorbing odorous molecules, in particular acid and/or basic gases, having a predetermined outer surface in which at least one portion of said surface comprises -COOH carboxylic groups and/or -COO- carboxylate groups complexed with metal salts. Said portion is advantageously made up of a matrix obtained from the reaction of a mixture comprising a polyester as well as a first copolymer of at least one olefin and alkyl (meth)acrylate and/or (meth)acrylic acid (A), and a second (co)polymer comprising -C2H3O(B) oxirane groups, at least one portion of the (meth)acrylate functions of the copolymer (A) having been transformed into corresponding carboxylate and/or carboxylic functions.

IPC 8 full level

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CPC (source: EP)

C08L 67/02 (2013.01); **D01F 6/84** (2013.01); **D01F 6/92** (2013.01); **D01F 8/14** (2013.01); **D06M 11/11** (2013.01); **D06M 11/38** (2013.01); **D06M 11/55** (2013.01); **D06M 11/70** (2013.01); **D06M 11/83** (2013.01); **D06M 13/188** (2013.01); **D06M 13/192** (2013.01); D06M 2101/20 (2013.01); D06M 2101/26 (2013.01); D06M 2101/32 (2013.01)

C-Set (source: EP)

C08L 67/02 + **C08L 23/0869** + **C08L 23/0884**

Citation (search report)

See references of WO 2018197485A1

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