

Title (en)

FILTER ROD HAVING HOLLOW OUTER SECTION AND FILLED INNER CORE, AND PROCESSING METHOD THEREFOR

Title (de)

FILTERSTAB MIT HOHLEM AUSSENTEIL UND GEFÜLLTEM INNENKERN UND VERARBEITUNGSVERFAHREN DAFÜR

Title (fr)

BÂTONNET-FILTRE AYANT UNE SECTION EXTERNE CREUSE ET UN NOYAU INTERNE REMPLI, ET SON PROCÉDÉ DE TRAITEMENT

Publication

EP 4305975 A1 20240117 (EN)

Application

EP 23772391 A 20230310

Priority

- CN 202210568132 A 20220524
- CN 2023080716 W 20230310

Abstract (en)

The present invention discloses an externally-hollow filter stick with a filled core. The filter stick is cylindrical in appearance and is composed of an outer layer which is a cylinder (W1) formed by rolling outer forming paper (W) and an inner layer which is in a cylindrical shape with a cross section being a regular triangle (N1) in an axial direction of the cylinder (W1) formed by folding inner forming paper (N); and three vertexes of the regular triangle (N1) are on an inner wall surface of the cylinder (W1), wherein an interior of the inner forming paper (N) is filled with inner tows (S2). The present invention further discloses a forming method of a triangular filter stick with a filled core.

IPC 8 full level

A24D 3/04 (2006.01); **A24D 3/10** (2006.01)

CPC (source: CN EP)

A24D 3/0229 (2013.01 - CN EP); **A24D 3/0254** (2013.01 - CN); **A24D 3/0287** (2013.01 - CN); **A24D 3/0291** (2013.01 - CN);
A24D 3/04 (2013.01 - CN EP); **A24D 3/061** (2013.01 - CN); **A24D 3/10** (2013.01 - CN)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4305975 A1 20240117; **EP 4305975 A4 20240515**; CN 114983017 A 20220902; CN 114983017 B 20230822; WO 2023226522 A1 20231130

DOCDB simple family (application)

EP 23772391 A 20230310; CN 202210568132 A 20220524; CN 2023080716 W 20230310