

Title (en)

HOLLOW-FIBRE MEMBRANE FILTER HAVING IMPROVED SEPARATION PROPERTIES

Title (de)

HOHLFASERMENBRANFILTER MIT VERBESSERTEN TRENNEIGENSCHAFTEN

Title (fr)

FILTRE À MEMBRANES À FIBRES CREUSES PRÉSENTANT DES PROPRIÉTÉS DE SÉPARATION AMÉLIORÉES

Publication

**EP 4337373 A1 20240320 (DE)**

Application

**EP 22729445 A 20220510**

Priority

- DE 102021112315 A 20210511
- EP 2022062581 W 20220510

Abstract (en)

[origin: CA3219399A1] The invention relates to a hollow-fibre membrane filter for purifying liquids, said membrane filter having improved separation properties and comprising: a cylindrical housing; first inflow or outflow chambers and second inflow or outflow chambers surrounding a first and a second end portion, respectively, of the cylindrical housing, the cylindrical housing being designed in at least one end region so as to improve the inflow of a liquid to the hollow-fibre membranes inside the cylindrical housing.

IPC 8 full level

**B01D 63/02** (2006.01); **A61M 1/16** (2006.01); **B01D 63/08** (2006.01)

CPC (source: EP KR)

**A61M 1/1621** (2013.01 - EP KR); **B01D 35/30** (2013.01 - KR); **B01D 63/02** (2013.01 - EP KR); **B01D 63/084** (2013.01 - EP); **B01D 69/084** (2013.01 - KR); **B01D 2313/08** (2013.01 - EP); **B01D 2313/10** (2013.01 - KR); **B01D 2313/12** (2013.01 - EP KR)

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**DE 102021112315 A1 20221117**; AU 2022273396 A1 20231130; BR 112023023653 A2 20240130; CA 3219399 A1 20221117; CN 117279705 A 20231222; EP 4337373 A1 20240320; JP 2024517456 A 20240422; KR 20240007190 A 20240116; WO 2022238374 A1 20221117

DOCDB simple family (application)

**DE 102021112315 A 20210511**; AU 2022273396 A 20220510; BR 112023023653 A 20220510; CA 3219399 A 20220510; CN 202280033866 A 20220510; EP 2022062581 W 20220510; EP 22729445 A 20220510; JP 2023568316 A 20220510; KR 20237041630 A 20220510