

Title (en)

HETEROGENEOUS FILAMENTS, METHODS OF PRODUCING THE SAME, SCAFFOLDS, METHODS OF PRODUCING THE SAME, DROPLETS, AND METHODS OF PRODUCING THE SAME

Title (de)

HETEROGENE FILAMENTE, VERFAHREN ZUR HERSTELLUNG DAVON, GERÜSTE, VERFAHREN ZUR HERSTELLUNG DAVON, TRÖPFCHEN UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

FILAMENTS HÉTÉROGÈNES, PROCÉDÉS DE PRODUCTION DE CEUX-CI, ÉCHAFAUDAGES, PROCÉDÉS DE PRODUCTION DE CEUX-CI, GOUTTELETTES, ET PROCÉDÉS DE PRODUCTION DE CELLES-CI

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Abstract (en)

[origin: WO2017019300A1] One aspect of the invention provides a method of producing a heterogeneous filament. The method includes applying pressure to a plurality of filament components to move the filament components into a common outlet channel. Another aspect of the invention provides a method of fabricating a scaffold. The method includes producing a plurality of filaments according to the methods described herein. Another aspect of the invention provides a scaffold produced according to the methods described herein. Another aspect of the invention provides a heterogeneous filament including a plurality of adjacent filament components. Another aspect of the invention provides a method of producing a droplet. The method includes: positioning a printing tip in proximity to a cross-linking liquid; applying pressure to one or more liquids to produce a droplet extending beyond outside of the printing tip; and contacting the droplet with the cross-linking liquid, thereby producing a droplet.

IPC 8 full level

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