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(54) Title (EN): PROCESS FOR THE RECOVERY OF FERMENTATION PRODUCTS

(54) Title (FR): PROCESSUS DE RÉCUPÉRATION DE PRODUITS DE FERMENTATION

(57) Abstract:

(EN): The present application relates to methods for the recovery of fermentation products from a fermentation mixture. Methods are provided for the recovery of cell-associated fermentation products, which methods rely on a drying process, and do not require the addition of surfactants. More particularly, methods are provided comprising the drying of a fermentation mixture or a cellular fraction thereof, and the recovery of fermentation products from the gaseous phase obtained by said drying. Also provided herein are methods for the recovery of fermentation products from emulsions, which methods rely on the use of a membrane, more particularly a membrane that is permeable for the fermentation medium.

(FR): La présente invention concerne des procédés de récupération de produits de fermentation à partir d'un mélange de fermentation. L'invention concerne également des procédés pour la récupération de produits de fermentation associés à des cellules, lesquels procédés reposent sur un processus de séchage, et ne nécessitent pas l'ajout de tensioactifs. Plus particulièrement, l'invention concerne des procédés comprenant le séchage d'un mélange de fermentation ou d'une fraction cellulaire de celui-ci, et la récupération de produits de fermentation à partir de la phase gazeuse obtenue par ledit séchage. L'invention concerne également des procédés de récupération de produits de fermentation à partir d'émulsions, lesdits procédés reposant sur l'utilisation d'une membrane, plus particulièrement d'une membrane qui est perméable au milieu de fermentation.

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