

Title (en)

PROCESS FOR THE SEPARATION OF A COMPONENT FROM A GASEOUS MEDIUM AND A DEVICE FOR CARRYING OUT THE PROCESS

Title (de)

VERFAHREN ZUR ABTRENNUNG EINER KOMPONENTE AUS EINEM GASFÖRMIGEN MEDIUM UND EIN APPARAT ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DESTINE A SEPARER UN CONSTITUANT D'UN MILIEU GAZEUX ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE

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Application

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Abstract (en)

[origin: WO0040566A1] The invention relates to a process for the separation of a component from a gaseous medium by crystallization comprising injecting a gaseous medium containing the component to be separated into a cooling liquid in a crystallizer to form free traveling vapor bubbles which upon cooling induce supersaturation of the crystallizing component with subsequent crystallization of the component at the phase interface of the free traveling vapor bubbles in the cooling liquid. The invention also relates to a device useful for carrying out the process.

IPC 1-7

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