

Title (en)

Process and device for the flow rate control of liquid CO₂, and their use in a cooling tunnel.

Title (de)

Verfahren und Vorrichtung zur Mengenstromregelung von flüssigen CO₂ und deren Anwendung für einen Kühltunnel.

Title (fr)

Procédé et dispositif de régulation d'un débit de CO₂ liquide, et application à un tunnel de refroidissement.

Publication

EP 0376823 A1 19900704 (FR)

Application

EP 89403619 A 19891222

Priority

FR 8817305 A 19881228

Abstract (en)

[origin: US5040374A] According to the process, there is maintained in a conduit (3), on the downstream side of a valve (5), up to the vicinity of the point A of injection of the CO₂, an intermediate pressure (PI) higher than the pressure (PT) of the triple point of the CO₂. Application in the treatment of waste waters or the deep freezing of food.

Abstract (fr)

Suivant ce procédé, on maintient dans la conduite (3), en aval de la vanne (5), jusqu'à proximité du point (A) d'injection du CO₂, une pression intermédiaire (PI) supérieure à la pression (PT) du point triple du CO₂. Application au traitement d'eaux résiduaires ou à la surgélation alimentaire.

IPC 1-7

F17C 7/02; **F17C 13/10**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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