

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 résiduelles ou à la surgélation alimentaire.

IPC 1-7

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

IPC 8 full level

B01F 3/08 (2006.01); **B01F 5/04** (2006.01); **F17C 7/02** (2006.01); **F17C 13/10** (2006.01); **F25D 29/00** (2006.01)

CPC (source: EP US)

B01F 23/23762 (2022.01 - EP); **B01F 23/451** (2022.01 - EP US); **B01F 23/481** (2022.01 - EP); **B01F 23/49** (2022.01 - EP US); **B01F 25/312** (2022.01 - EP US); **F17C 7/02** (2013.01 - EP US); **F17C 13/10** (2013.01 - EP US); **F25D 29/001** (2013.01 - EP US); **B01F 23/23762** (2022.01 - US); **B01F 23/481** (2022.01 - US); **F17C 2205/0335** (2013.01 - EP US); **F17C 2205/0338** (2013.01 - EP US); **F17C 2221/013** (2013.01 - EP US); **F17C 2223/0153** (2013.01 - EP US); **F17C 2223/035** (2013.01 - EP US); **F17C 2225/0123** (2013.01 - EP US); **F17C 2225/033** (2013.01 - EP US); **F17C 2227/0114** (2013.01 - EP US); **F17C 2250/0636** (2013.01 - EP US); **F17C 2260/024** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0376823 A1 19900704; **EP 0376823 B1 19940126**; **EP 0376823 B2 20010411**; AT E100921 T1 19940215; AU 4732889 A 19900705; AU 629584 B2 19921008; CA 2006789 A1 19900628; CA 2006789 C 19941025; DE 68912755 D1 19940310; DE 68912755 T2 19940511; DE 68912755 T3 20010802; ES 2048312 T3 19940316; ES 2048312 T5 20010516; FR 2641854 A1 19900720; FR 2641854 B1 19940114; US 5040374 A 19910820

DOCDB simple family (application)

EP 89403619 A 19891222; AT 89403619 T 19891222; AU 4732889 A 19891228; CA 2006789 A 19891228; DE 68912755 T 19891222; ES 89403619 T 19891222; FR 8817305 A 19881228; US 45686889 A 19891227