

Title (en)

Method for controlling the condition of a gas and device therefor.

Title (de)

Verfahren zur Regelung des Konditionierens eines Gases und Vorrichtung dazu.

Title (fr)

Procédé pour réguler le conditionnement d'un gaz et dispositif de conditionnement de gaz.

Publication

**EP 0488909 B1 19950802 (FR)**

Application

**EP 91420413 A 19911122**

Priority

FR 9015134 A 19901127

Abstract (en)

[origin: EP0488909A1] Process for regulating the conditioning of a gas stream, in which: - the temperature of the gas is brought to the desired conditioning temperature, - the gas is saturated with a so-called conditioning liquid, - and the saturated and thermally conditioned gas thus obtained is mixed with the said unsaturated unconditioned gas in a proportion which is a function of the desired conditioning. <??>This process consists in saturating the gas in a low-pressure medium at a temperature close to the conditioning temperature of the gas by spraying the conditioning liquid brought to a temperature close to the conditioning temperature of the said gas in the said low-pressure medium. <??>The invention also relates to a device for controlling the conditioning of a gas stream making use of this process. <??>Application: production of air of programmed humidity content. <IMAGE>

IPC 1-7

**B01F 3/02**

IPC 8 full level

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CPC (source: EP US)

**B01F 23/12** (2022.01 - EP US)

Cited by

US6165229A; EP0559259A1; US5431736A; US6702863B1; US6923835B2; WO0168043A2; US6395042B1; US6946005B2; US6391063B1; US6231623B1; US6238440B1; US6322775B1; US6210447B1; US6551360B2; US6179882B1; US6379395B1

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