

Title (en)

METHOD FOR OXYGENATING GASES, SYSTEMS SUITED THEREFOR AND USE THEREOF

Title (de)

VERFAHREN ZUR SAUERSTOFFANREICHERUNG IN GASEN, DAFÜR GEEIGNETE ANLAGEN SOWIE DEREN VERWENDUNG

Title (fr)

PROCEDE D'ENRICHISSEMENT EN OXYGENE DANS DES GAZ, DISPOSITIFS CORRESPONDANTS ET LEUR UTILISATION

Publication

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Application

**EP 06722979 A 20060123**

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Abstract (en)

[origin: WO2006084563A2] The invention relates to a method for increasing the content of oxygen in gases, which contain both oxygen and nitrogen, in a separating device that has an interior separated into a substrate chamber and a permeate chamber by a ceramic membrane that guides oxygen. The method involves the introduction of purge gas containing oxygen and nitrogen into the permeate chamber and the setting of a pressure inside the substrate chamber so that the oxygen partial pressure in the substrate chamber and purge chamber causes oxygen to pass through the ceramic membrane. The method is characterized by having a high operational reliability.

IPC 8 full level

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