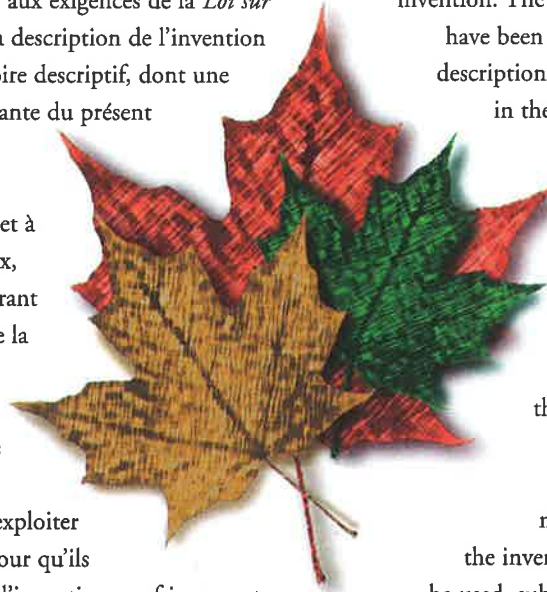




Brevet canadien / Canadian Patent

★ Le commissaire aux brevets a reçu une demande de délivrance de brevet visant une invention. Ladite requête satisfait aux exigences de la *Loi sur les brevets*. Le titre et la description de l'invention figurent dans le mémoire descriptif, dont une copie fait partie intégrante du présent document.

Le présent brevet confère à son titulaire et à ses représentants légaux, pour une période expirant vingt ans à compter de la date du dépôt de la demande au Canada, le droit, la faculté et le privilège exclusif de fabriquer, construire, exploiter et vendre à d'autres, pour qu'ils l'exploitent, l'objet de l'invention, sauf jugement en l'espèce rendu par un tribunal compétent, et sous réserve du paiement des taxes périodiques.



★ The Commissioner of Patents has received a petition for the grant of a patent for an invention. The requirements of the *Patent Act* have been complied with. The title and a description of the invention are contained in the specification, a copy of which forms an integral part of this document.

The present patent grants to its owner and to the legal representatives of its owner, for a term which expires twenty years from the filing date of the application in Canada, the exclusive right, privilege and liberty of making, constructing and using the invention and selling it to others to be used, subject to adjudication before any court of competent jurisdiction, and subject to the payment of maintenance fees.

B R E V E T C A N A D I E N

2,763,021

C A N A D I A N P A T E N T

Date à laquelle le brevet a été
accordé et délivré

2013/03/05

Date on which the patent
was granted and issued

Date du dépôt de la demande

2011/02/17

Filing date of the application

Date à laquelle la demande est
devenue accessible au public
pour consultation

2011/08/25

Date on which the application
was made available for
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Commissaire aux brevets / Commissioner of Patents



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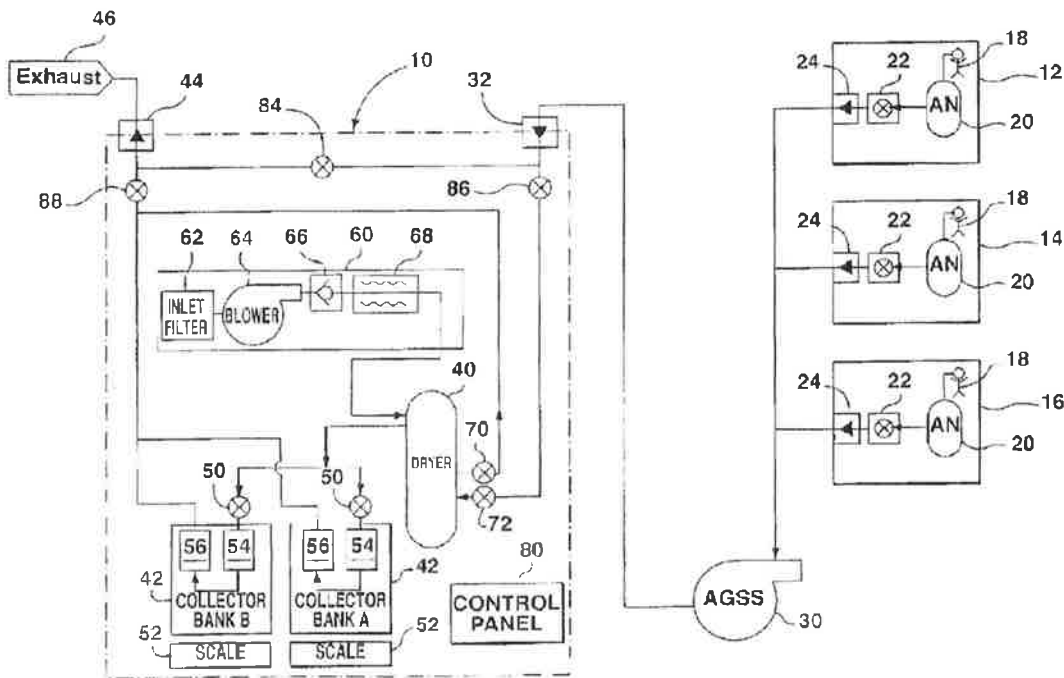
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(54) Titre : APPAREIL, SYSTEMES ET PROCEDES POUR RECUEILLIR ET RECYCLER DES AGENTS ANESTHESIQUES, AINSI QUE POUR ENLEVER L'OXYDE NITREUX DES GAZ D'ECHAPPEMENT

(54) Title: APPARATUS, SYSTEMS AND METHODS FOR COLLECTING AND RECLAIMING ANAESTHETIC AGENTS AND FOR REMOVING NITROUS OXIDE FROM EXHAUST GASES



(57) Abrégé/Abstract:

A conservation valve for use with a collection system for collecting an anaesthetic agent. The valve includes a valve body having a fluid passageway that allows exhaust gas to flow to the collection system. A sensor located upstream of the valve body detects a percentage content of a particular compound within the exhaust gas so as to indicate the presence or absence of an anaesthetic agent within the exhaust gas. A processor operates an actuator located downstream of the sensor to selectively open and close the fluid passageway. Specifically, the processor opens the fluid passageway when the percentage content is indicative of the anaesthetic agent being present so as to allow collection of the anaesthetic agent, and closes the fluid passageway when the percentage content is indicative of the anaesthetic agent being absent so as to isolate the exhaust gas from the collection system.

