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POUR
L'ETUDE ET L'EXPLOITATION DES PROCEDES
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(54) **A process for distributing ultra high purity gases with minimized corrosion**

(57) A process for reducing corrosion in a gas distribution network of ultra high purity gas or any part of said distribution network, comprising:

(a) Wet cleaning the gas distribution network or at least one part thereof with a wet cleaning agent,

(b) Liquid drying said gas distribution network or said at least one part thereof with an H₂O desorbing liquid drying agent selected from the group consisting of acetone dimethylacetal DMP, 2.2 dichloropropane DCP or 2.2 dibromopropane DBP, mixtures

thereof and any equivalent thereof,

(c) purging said gas distribution network or any said part thereof with a dry high purity gas comprising less than 1 ppm of any impurity, and

(d) evacuating said gas distribution network or any said part thereof at a pressure which is lower than 5x10⁴ Pascal

(e) exposing said gas distribution network or said any part thereof to an atmosphere comprising an ultra high purity corrosive gas or air.

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EUROPEAN SEARCH REPORT

Application Number
EP 95 40 2914

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	US 4 723 363 A (C. A. SEELBACH ET AL.) * the whole document *	1	F17C9/00
A	JOURNAL OF VACUUM SCIENCE AND TECHNOLOGY: PART A, vol. 11, no. 4, PART 02, 1 July 1993, pages 1719-1724, XP000403685 TATENUMA K ET AL: "QUICK ACQUISITION OF CLEAN ULTRAHIGH VACUUM BY CHEMICAL PROCESS TECHNOLOGY"	1	
A	EP 0 392 985 A (L'AIR LIQUIDE) * the whole document *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F17C B08B C23C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 4 March 1997	Examiner Devisme, F
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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