

A PROCESS FOR DISTRIBUTING ULTRA HIGH PURITY GASES
WITH MINIMIZED CONTAMINATION AND PARTICULATES

ABSTRACT OF THE DISCLOSURE

A process for distributing ultra high purity gases with minimized contamination and particulates including; (a) purging said distribution network or any part thereof with dry inert high purity gas comprising less than 1 ppm of any impurity; (b) evacuating said distribution network or any part thereof at a pressure which is lower than 5×10^4 Pascal; (b') optionally wet cleaning a gas distribution network or any part thereof with a wet cleaning agent, thereafter (c) liquid drying the gas distribution network or any part thereof with an H_2O desorbing liquid drying agent selected from the group comprising acetone dimethylacetal DMP, 2-2 dichloropropane DCP or 2-2 dibromopropane DBP, mixtures thereof and any equivalent thereof, and (d) distributing an ultra high purity gas through the distribution network or any part thereof.

Figure 1