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PROCESS AND APPARATUS FOR PRODUCING HIGH-PURITY
CHEMICALS FOR THE MICROELECTRONICS INDUSTRY

ABSTRACT

1. [sic] Process for producing a high-purity liquid chemical which can be used in the microelectronics industry, characterized in that the process starts with a chemical gas which is successively purified over two purification columns for [sic] passing, as a countercurrent, a solution of initially deionized high-purity water which gradually becomes loaded with impurity while the gas leaves the second purification column with a high purity, especially a low content of metallic elements, and in that the purified gas being [sic] subsequently dissolved in a packed column into which the liquid which is collected at the bottom of the column and which is enriched with purified chemical gas is continuously recirculated and in that the high-purity chemical is subsequently distributed when the contraction [sic] of dissolved gas has been reached.

Fig. 6