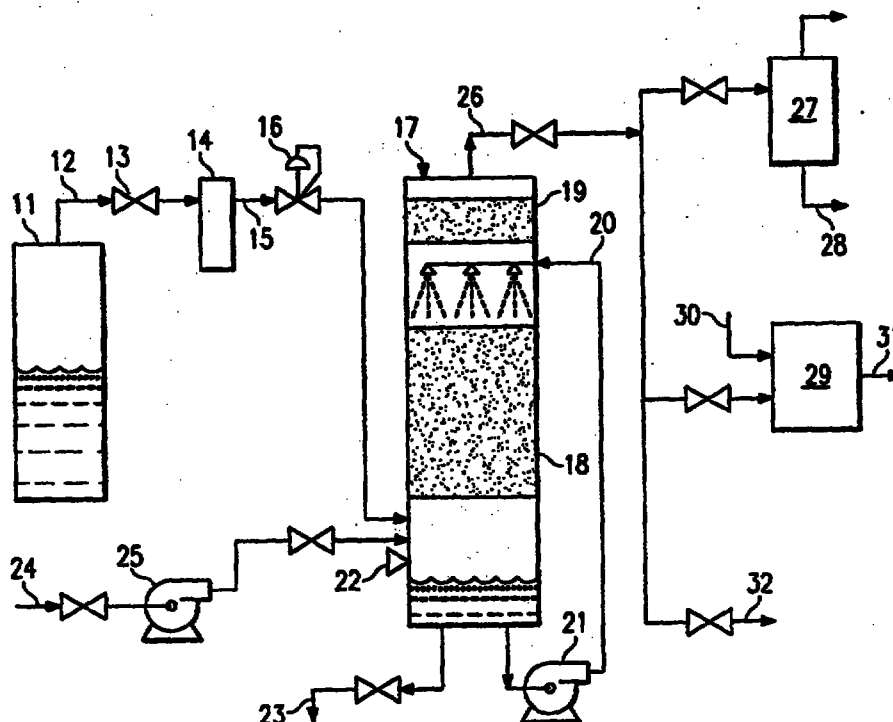


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(54) Title: ON-SITE MANUFACTURE OF ULTRA-HIGH-PURITY HYDROCHLORIC ACID FOR SEMICONDUCTOR PROCESSING**(57) Abstract**

Highly purified HCl for use in semiconductor manufacturing is prepared on-site by drawing HCl vapor (12) from a liquid HCl reservoir (11), and scrubbing (17) the filtered vapor (15) in a low-pH aqueous scrubber (17).