AIR SEPARATION UNIT AND AIR SEPARATION METHOD

ABSTRACT

[Summary]

[Problem] To provide a method for reducing or removing non-volatile impurities in a high-purity oxygen liquid.

[Solution] The method for reducing or removing non-volatile impurities in a high-purity oxygen liquid comprises: an oxygen vaporization step for vaporizing a high-purity oxygen liquid obtained from a high-purity oxygen rectification column in an air separation unit for producing the high-purity oxygen liquid; and an oxygen recondensing step for recondensing oxygen gas vaporized in the oxygen vaporization step. This method may also comprise a high-purity oxygen liquid extraction step for extracting a condensate obtained in the oxygen recondensing step.

[Fig. 1]