

ABSTRACT

A method for producing vinyl acetate, the method including at least: a step (1) of reacting ethylene, acetic acid and oxygen to obtain a crude product containing vinyl acetate; a step (2) of separating a gaseous composition containing ethylene and vinyl acetate from the crude product; and a step (3) of introducing at least a part of the gaseous composition into a gas washing column, and removing vinyl acetate from the gaseous composition, wherein the gas washing column has at least an outlet (A) and an outlet (B); a total content of acetic acid and water in a liquid composition (α) to be taken out from the outlet (A) is 70 mass% or more; a total content of vinyl acetate and acetic acid in a liquid composition (β) to be taken out from the outlet (B) is 90 mass% or more and a content of water in the liquid composition (β) is 10 mass% or less. Accordingly, in a method for producing vinyl acetate, energy required for separating vinyl acetate, water, and acetic acid by distillation is reduced.