

Abstract

The invention relates to a method for recovering a useful gas from a gas mixture consisting of a useful gas and at least one secondary gas, wherein the gas mixture is first compressed and transferred into a pressure vessel. Then, from the pressure vessel, a secondary-gas containing gas phase is removed and condensed useful gas is transferred into a purification vessel. In the purification vessel, the condensed useful gas is then purified. The invention further relates to a plant for recovering a useful gas from a gas mixture. Finally, the invention relates to the use of a plant to carry out a method for recovering a useful gas from a gas mixture.

Fig 1 for publication.