

COMBINED GAS PROCESSING

Abstract

The present invention relates to a process for removing carbon dioxide from a carbon dioxide-containing gas mixture, comprising a multistage gas purification, characterized in that the gas mixture is contacted with a carbon dioxide-absorbing liquid in at least one first stage, which gives a prepurified gas mixture, and the prepurified gas mixture is contacted with a carbon dioxide adsorber or a molecular sieve in at least one second stage, which separates carbon dioxide from the gas mixture, and to an apparatus for performing the process.

(No suitable figure)