

Title (en)

EQUIPMENT AND SYSTEM FOR PROCESSING A GASEOUS MIXTURE BY PERMEATION

Title (de)

VORRICHTUNG UND SYSTEM ZUR VERARBEITUNG EINER GASFÖRMIGEN MISCHUNG DURCH PERMEATION

Title (fr)

INSTALLATION ET SYSTÈME DE TRAITEMENT D'UN MÉLANGE GAZEUX PAR PERMÉATION

Publication

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Application

EP 08805958 A 20080609

Priority

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- FR 0755763 A 20070614

Abstract (en)

[origin: WO2009004208A1] The invention relates to an equipment and a system for processing a gaseous mixture by permeation. The equipment of the invention includes $m \times n$ separation modules P_{ij} , n and n being natural integers higher than or equal to 2, i being a natural integer from 1 to m , and j is a natural interger from 1 to n . Each of the separation modules P_{ij} includes a permeate inlet E_{pij} , the permeate inlet E_{p11} of the separation module P_{11} corresponding to the F inlet for supplying the gaseous mixture into said equipment, a permeate outlet S_{pij} and a retentate outlet S_{rij} . Furthermore, the permeate outlet S_{pij} is connected to the permeate inlet E_{pi+1j} of the separation module P_{i+1j} , and the retentate outlet S_{rij} is connected to the permeate inlet E_{pij+1} of the separation module P_{ij+1} . The equipment does not use any intermediate recycling.

IPC 8 full level

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Citation (search report)

See references of WO 2009004208A1

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Designated extension state (EPC)

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