

Title (en)
CO₂ REMOVAL FROM GASES BY MEANS OF AQUEOUS AMINE SOLUTIONS WITH THE ADDITION OF A STERICALLY HINDERED AMINE

Title (de)
CO₂-ENTFERNUNG AUS GASEN MITTELS WÄSSRIGER AMIN-LÖSUNGEN UNTER ZUSATZ EINES STERISCH GEHINDERTEN AMINS

Title (fr)
ÉLIMINATION DU CO₂ CONTENU DANS DES GAZ AU MOYEN DE SOLUTIONS D'AMINE AQUEUSE AVEC ADJONCTION D'UNE AMINE À ENCOMBREMENT STÉRIQUE

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Application
EP 10798966 A 20101221

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Abstract (en)
[origin: WO2011082809A1] The invention relates to the use of an absorbent for removing acid gases from a fluid flow, comprising an aqueous solution with at least two different amines. Any amine in a proportion of greater than 50 wt.% of the total amine amount in the aqueous solution is the first amine component in the aqueous solution, and a sterically hindered amine in a proportion of less than 50 wt.% is the second amine component in the aqueous solution. The fluid flow is brought into contact with the absorbent at a partial pressure of < 200 mbar.

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B01D 53/14 (2006.01)

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Citation (search report)
See references of WO 2011082809A1

Citation (examination)
US 6165433 A 20001226 - CHAKRAVARTI SHRIKAR [US], et al

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