









Development of a simulation model of the post-combustion CO₂ capture process by absorption-regeneration using demixing solvents: application to cement flue gases

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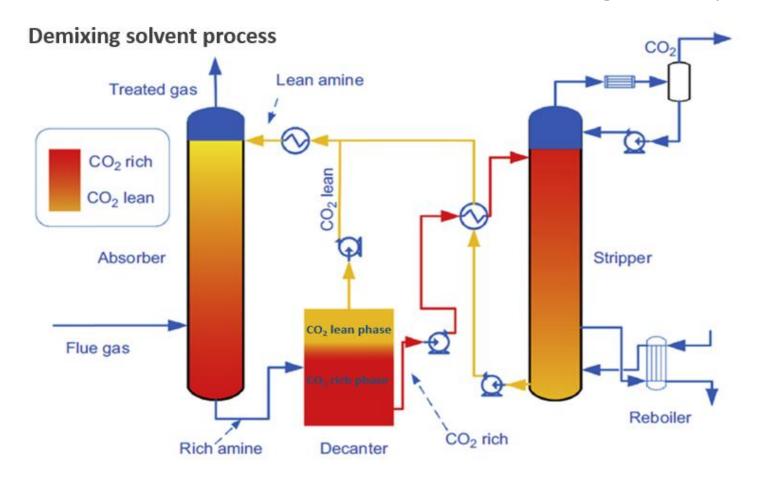
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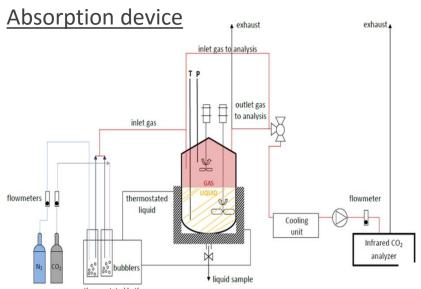


Context of the study

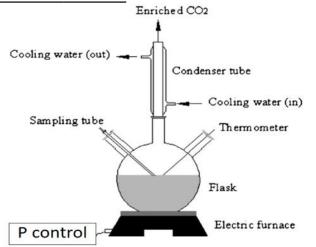
- Researches on post-combustion CO_2 capture \longrightarrow MEA conventional process
- New technologies to reduce the capture cost —— Demixing solvents processes



Thesis steps



Regeneration device



Experiment

- -Equilibrium tests
- -Kinetic tests
- -Absorption-regeneration tests in micro pilot

