

Title (en)

A process for the combustion, separation, and solidification of 3H and 14C from combustible liquids.

Title (de)

Verfahren zur Verbrennung, Trennung und Verfestigung von 3H und 14C aus brennbaren Flüssigkeiten.

Title (fr)

Procédé de combustion, séparation et solidification de 3H en 14C à partir de liquides combustibles.

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Application

EP 93120118 A 19931214

Priority

US 99394592 A 19921218

Abstract (en)

This invention relates to a process for combustion, separation, and solidification of <3>H and <1><4>C from a combustible liquid stream. Gaseous combustion gases containing <3>H₂O and <1><4>CO₂ are processed by absorption of the <1><4>CO₂ with caustic solution to produce a <1><4>C salt and condensation and/or removal of gaseous <3>H₂O through the use of a desiccating agent. Liquid <3>H₂O and a slurry solution containing the <1><4>C salt are solidified through the addition of a solidifying agent. <IMAGE>

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