

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.

Publication

**EP 0603708 A2 19940629 (EN)**

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>H<sub>2</sub>O and <1><4>CO<sub>2</sub> are processed by absorption of the <1><4>CO<sub>2</sub> with caustic solution to produce a <1><4>C salt and condensation and/or removal of gaseous <3>H<sub>2</sub>O through the use of a desiccating agent. Liquid <3>H<sub>2</sub>O and a slurry solution containing the <1><4>C salt are solidified through the addition of a solidifying agent. <IMAGE>

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