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**Fischer et al.**

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(54) **SOLVENT, PROCESS FOR PROVIDING AN ABSORPTION LIQUID, USE OF THE SOLVENT AND PROCESS FOR ACTIVATING THE SOLVENT**

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See application file for complete search history.

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(57) **ABSTRACT**

A solvent for selective absorption of CO<sub>2</sub> from the flue gas from a combustion plant is provided. The solvent includes an aqueous solution of a secondary amino acid salt as an active scrubbing substance and an additive, the additive including a primary amino acid salt. A process for providing an absorption liquid is also provided as well as a process for activating a solvent.

**1 Claim, 3 Drawing Sheets**