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(71) Applicant: COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Clunies Ross Street, Acton, Australian Capital Territory 2601 (AU).

(72) Inventors: TSANAKTSIDIS, John; c/o Commonwealth Scientific and Industrial Research Organisation, Clunies Ross Street, Acton, Australian Capital Territory 2601 (AU).
ELDRIDGE, Cecily; c/o Commonwealth Scientific and Industrial Research Organisation, Clunies Ross Street, Acton, Australian Capital Territory 2601 (AU).

(74) Agent: DAVIES COLLISON CAVE PTY LTD; 1 Nicholson Street, Melbourne, Victoria 3000 (AU).

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(54) Title: PURIFICATION PROCESS

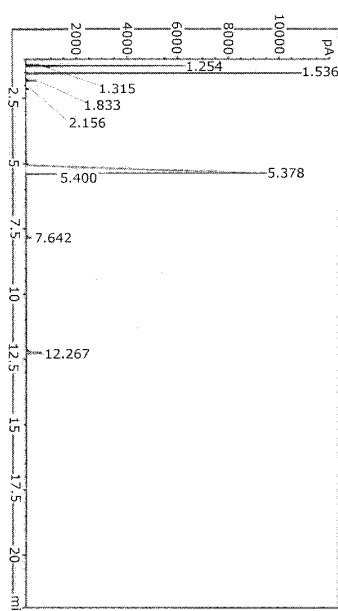


Figure 1

(57) Abstract: A process for purifying halogenated alkoxyethane of general formula XCIHC-CF₂OR, where X is -Cl or -F and OR is C₁₋₄ alkoxy, from a reaction mixture derived from a batch synthetic procedure for producing the halogenated alkoxyethane, the process comprising the steps of: (a) adding one of an amine and an acid to the reaction mixture, (b) adding a polar liquid to the mixture obtained in step a) to induce phase separation and formation of a polar phase and a separate organic phase, the organic phase containing the halogenated alkoxyethane, and (c) adding the other of the amine and the acid not used step (a) to the organic phase obtained in step (b) to thereby purify the halogenated alkoxyethane.

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