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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: PROCESS FOR RECOVERING SUBSTANCES FROM HIGH SALINITY LIQUIDS

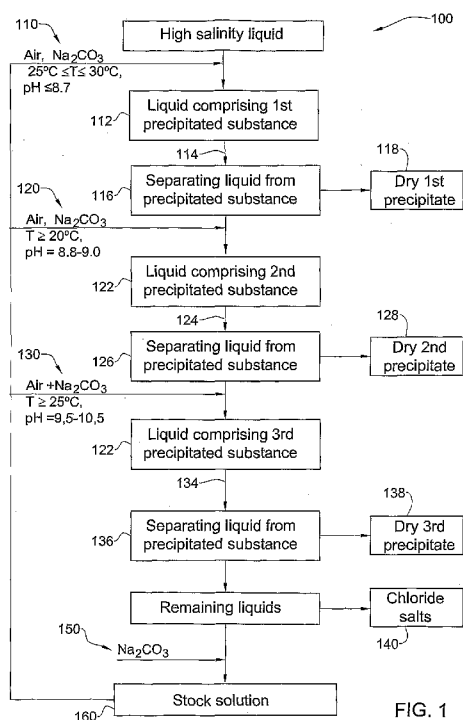


FIG. 1

(57) Abstract: The present disclosure provides a process for recovering from high salinity liquid a substance comprising a selected alkaline earth carbonate salt, the process comprises (i) adding to said high salinity liquid a reagent comprising a solution of an alkali metal carbonate in an amount sufficient to allow precipitation of said substance in said liquid, while continuously introducing into the liquid a gas whereby a high degree of precipitate is formed in the liquid; and (ii) isolating said precipitate from the liquid, wherein said precipitate comprising the alkaline earth carbonate comprising substance in an essentially purified form (at least 95%w/w degree of purity). Also provided are a unit and a system constructed and operative for performing the process, preferably continuously.



— *of inventorship (Rule 4.17(iv))*

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