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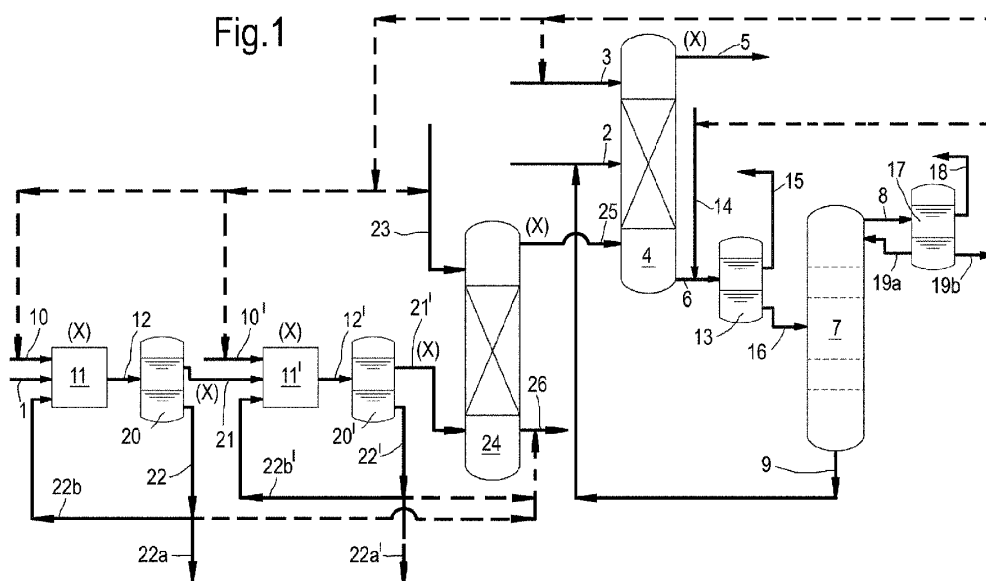
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Fig.1



(57) Abstract: RECOVERY OF ALIPHATIC HYDROCARBONS The invention relates to a process for the recovery of aliphatic hydrocarbons from a liquid stream comprising aliphatic hydrocarbons, heteroatom containing organic compounds and optionally aromatic hydrocarbons, involving a) contacting said liquid stream with a stream having a pH above 7 and comprising a washing solvent, preceded and/or followed by contacting with a stream having a pH below 7 and comprising a washing solvent; b) liquid-liquid extraction of the washed stream with an extraction solvent. Further, the invention relates to a process for the recovery of aliphatic hydrocarbons from plastics comprising the above-mentioned process; and to a process for steam cracking a hydrocarbon feed comprising aliphatic hydrocarbons as recovered in one of the above-mentioned processes.

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