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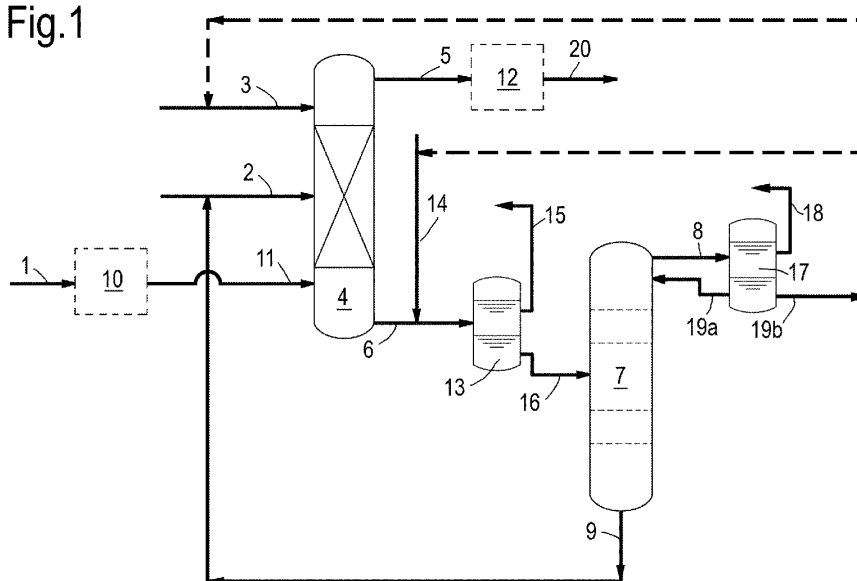
(71) Applicant (for all designated States except US): **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, 2596 HR The Hague (NL).

(71) **Applicant** (for US only): **SHELL OIL COMPANY**
[US/US]; 150 N. Dairy Ashford, Houston, Texas 77079
(US).

(72) **Inventors: LANGE, Jean-Paul Andre Marie Joseph Ghislain;** Grasweg 31, 1031 HW Amsterdam (NL). **FISCHER, Kai Jürgen;** Grasweg 31, 1031 HW Amsterdam (NL). **VAN ROSSUM, Guus;** Grasweg 31, 1031 HW Amsterdam (NL). **OLTHOF, Timothé Johannes;** Grasweg 31, 1031 HW Amsterdam (NL). **DERKS, Willem;** Grasweg 31, 1031 HW Amsterdam (NL). **STICHTER, Hendrik;** Grasweg 31, 1031 HW Amsterdam (NL).

(54) **Title:** RECOVERY OF ALIPHATIC HYDROCARBONS

Fig.1



(57) Abstract: 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) liquid-liquid extraction of said liquid stream with an extraction solvent, wherein before and/or after step a) heteroatom containing organic compounds, optional aromatic hydrocarbons and optional other contaminants are removed from said liquid stream and/or from a raffinate stream resulting from step a), respectively, by contacting the latter stream(s) with a sorption agent. 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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(74) **Agent: SHELL LEGAL SERVICES IP**; PO BOX 384,
2501 CJ The Hague (NL).

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