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(54) **MULTI-PHASE DISTRIBUTION SYSTEM, SUB SEA HEAT EXCHANGER AND A METHOD OF TEMPERATURE CONTROL FOR HYDROCARBONS**

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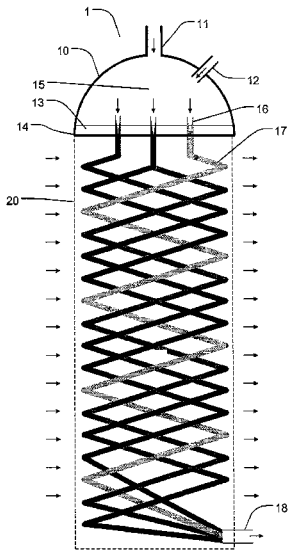
(57) **ABSTRACT**

The invention relates to a multi-phase distribution system, a sub sea heat exchanger provided with such a multi-phase distribution system, the use of such a multi-phase distribution system and a method of temperature control for hydrocarbons. The invention provides an improved control over multi-phase mixtures comprising hydrocarbons and improvements in the controlling of heat exchanging processes.

13 Claims, 5 Drawing Sheets