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(54) Title: FEEDER CHANNEL FOR MUD SHAKER

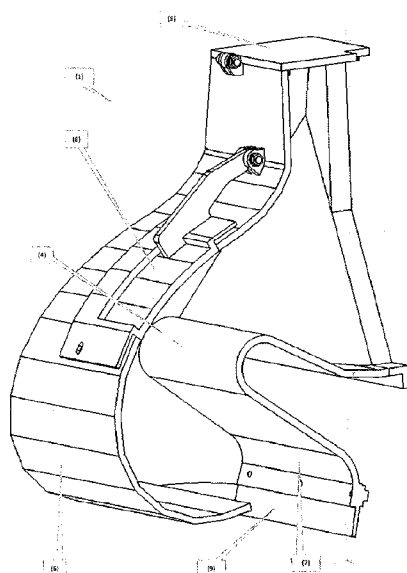


Fig. 6.3

(57) Abstract: The invention is an feeder channel (1) for use in a filter separator machine used for separation of undesired particles from a well fluid used in petroleum industry which has a purpose of guiding fluid and particle flow to the area of the filter that provides the best utilization of available filtration area and comprises the following features: A feeder channel (1) is arranged so that the upstream well fluids is guided via a guiding- and turning plate (4), which is installed in series in opposite repeated direction in which the outlet of each guiding- and the turning plate (4) facing the center of the vertical line. The fluid will for this reason be independent on how the feeder channel (1) is installed in the direction and angle, and will provide a homogeneous flow profile as it guided through the mouth guide plate (6) and internal guide fin (5) against the distribution plate (7). The fluid is then distributed to the filter's inner part and utilizes the entire filter surface area and the filter separator machines movement and function.