

ABSTRACT

PLATFORM TECHNOLOGY FOR INDUSTRIAL SEPARATIONS

A method and system for treating a fluid stream includes inputting a fluid stream to an input section of the fluid treatment system and receiving the fluid stream via spiral mixer-conditioner. The spiral mixer-conditioner mixes and conditions the input stream. Thereafter the mixed and conditioned fluid stream is input to a spiral separator where the mixed and conditioned fluid stream is separated into at least two fluid streams, a first fluid stream having particulates in the input stream removed, and the second fluid stream having the particulates in the input fluid stream concentrated.

Fig. 1