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Richardson

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(54) **SYSTEM AND METHOD FOR LIQUID-ORGANIC PARTICLE SEPARATION**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 56 days.

This patent is subject to a terminal disclaimer.

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CPC **C22B 3/22** (2013.01); **B01D 17/0211** (2013.01); **B01D 17/0214** (2013.01); **B01D 21/0042** (2013.01); **B01D 21/0048** (2013.01); **B01D 2257/70** (2013.01); **C25C 1/12** (2013.01)

(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**
The present invention provides a method and system for separating a liquid from organic particles. The mixer-settler extraction cell includes a flow distributor. The flow distributor comprises a chevron-shaped series of welded plates, which separates the incoming flow stream of liquid and organic particles from one another.

20 Claims, 7 Drawing Sheets

