

Title (en)
SPOUTED BED APPARATUS FOR CONTACTING OBJECTS WITH A FLUID

Title (de)
SPRUDELBETTVOORRICHTUNG ZUM KONTAKTIEREN VON OBJEKTEN MIT EINEM FLUID

Title (fr)
APPAREIL DE LIT FLUIDISE AVEC GICLAGE POUR METTRE EN CONTACT DES OBJETS AU MOYEN D'UN FLUIDE

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Application
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Abstract (en)
[origin: WO02053809A1] A spouted bed electrochemical reator (100) for treating a plurality of objects (114) with a fluid is set forth. The apparatus comprises a vessel (119) for contacting the plurality of objects (114). An upwardly directed stream of fluid and a portion of the objects are confined in a conduit (116) such that the fluid stram causes the objects to flow upward from a moving bed (124) thereof to a disengaging position from where they fall onto a distritution shield (123) and move downward to a feed position. The vessel (119) may be used for treating electrically conductive objects wherein the fluid is an electrolyte, an electrode is positioned to contact the moving bed, and a counterelectrode (105) is positioned in spaced relation to the moving bed. The vessel may be fixed or portable.

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