

Title (en)

PUMP ASSEMBLY EMPLOYING CENTRIFUGAL PUMPS AND METHOD FOR PUMPING MULTIPHASE FLUIDS

Title (de)

PUMPENANORDNUNG MIT ZENTRIFUGALPUMPEN UND VERFAHREN ZUM PUMPEN VON MEHRPHASIGEN FLÜSSIGKEITEN

Title (fr)

SYSTÈME DE POMPAGE COMPRENANT DES POMPES CENTRIFUGES ET PROCÉDÉ POUR POMPER DES FLUIDES POLYPHASIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: US2011223039A1] A pump assembly comprises a centrifugal pump configured to pump a multiphase fluid, a suction conduit in fluid communication with the centrifugal pump, and a discharge conduit in fluid communication with the centrifugal pump. The pump further comprises an eductor comprising one or more motive nozzles disposed within the suction conduit. Wherein the one or more motive nozzles are configured to introduce a motive fluid into the suction conduit and toward the centrifugal pump along a suction direction roughly co-directional with the suction conduit toward the centrifugal pump. A method and a pump assembly for pumping a multiphase fluid are also presented.

IPC 8 full level

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