

Title (en)

Emulsion fuel production method and apparatus, emulsion fuel combustion apparatus, and emulsion fuel production supply apparatus

Title (de)

Verfahren und Apparat zur Herstellung einer Brennstoffemulsion, Emulsionsverbrennungsapparat, und Brennstoffemulsionsversorgungsapparat

Title (fr)

Procédé et appareil pour la préparation d'une émulsion combustible, un appareil pour la combustion d'un combustible émulsionné et un appareil pour alimentation en combustible émulsionné

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Application

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- JP 11582797 A 19970506

Abstract (en)

A rotating means rotates a first member so as to have a gap of a predetermined thickness with respect to a second member. If water, kerosene, surfactant, and air are supplied to a bottom of the gap through a supply means, these are mixed by the rotation of the first member to a mixed liquid thereof so that the mixed liquid is raised in the gap. If the mixed liquid reaches a cylindrical portion of the first member, it is agitated by a plurality of protrusions provided on the cylindrical portion to produce emulsion fuel. The emulsion fuel has a high kinetic energy due to rotation. The emulsion fuel is supplied to an emulsion fuel combustion apparatus by this kinetic energy through a pipe path. <IMAGE>

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Cited by

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