

Patent search for Fisheries  
Aquagris August 2008

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Category	PN, Patent number	Title
1	JP2007224003-A	Water surface floating particle or molding, e.g. for controlling removal of grass or plankton, comprises organic raw material particle having vegetable property, where organic raw material is heated, half carbonized, or hydrophobized
2	IN200300239-I1	System and method for treatment of wastewater.
3	WO2007050082-A1	Liquid extraction assembly has inlet of housing tapering outwardly towards rear of inlet such that beginning of inlet is smaller than end of inlet.
4	WO2007032412-A1	Hydrothermally solidified material used as construction material, supplies exhaustion vapor and steam-extraction vapor generated from thermal power system to which hydrothermal reaction is applied.
5	JP2007063084-A	Porous solidified component used as building material, contains preset amount of silica component, calcium component and diatomaceous earth having fine air holes.
6	JP2006223962-A	Processing of organic waste, such as organic refuse from food processing industries, sewage works, agriculture and fisheries, involves inoculating hydrogen producing microbe belonging Clostridium genus in organic waste.
7	JP2006174805-A	Insect repellent deodorant package for processing organic refuse of industrial waste, has deodorizer which contains porous inorganic material supported with insect repellent.
8	JP2006021192-A	Manufacture of biogas involves contacting organic-waste raw material and bacteria inoculation liquid, isolating extract having organic acid, fermenting acid to obtain digestive liquid and biogas, and recycling digestive liquid.
9	JP2006006121-A	Softening of bone of fish, such as herring, involves pickling process-target fish in acidic water and then in alkaline water, and softening bones of fish.
10	JP2005328735-A	Culturing fish-and-shellfish in fisheries, without daily exchanging water in tank, by circulating water between reactors which sealed filter medium having ventilation holes and fermentation product of aerobic thermophilic bacteria.
11	WO2005052060-A1; JP2005179646-A; EP1690898-A1; CN1886464-A; KR2006116839-A; US2007125266-A1	Dispersion for manufacture of particle, comprises matrix constituted of water-soluble adjuvant component(s) comprising oligosaccharide, particulate dispersed phase comprising organic solid component and colorant, dispersed in matrix.
12	JP2005162840-A	Organic composition for dispersion, organic solid particle, contains organic solid component and water-soluble adjuvant component which have same or different melt viscosity in melt-kneading temperature of composition.

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13	JP2005169369-A	Vibrating type solid-liquid separation equipment has several comb-type screens each with stainless steel round bars at ends attached to vibrator through outer frame.
14	JP2005120300-A	Carbonization apparatus e.g. for organic material from food processing factory, has supply piping to supply high temperature waste gas to carbonization furnace, raw-material area and wood-chip drying machine.
15	JP2005120050-A; US2005171335-A1; US7176276-B2	New antimicrobial peptide useful as antimicrobial agent or disinfectant, and for preventing or treating bacterial infection in animals.
16	JP2005118655-A	Surplus-sludge processing for biological treatment of wastewater, involves processing wastewater by sludge containing aerobic microbe, sending separated sludge to tank, and sending surplus sludge from another plant to tank.
17	JP2004261693-A	Water quality improvement agent for treatment of domestic waste, contains high dielectric ceramics and sintered electroconductive carbonaceous substance of protein carbohydrate containing specific organosulfur compound.
18	WO2004076082-A1	Treatment of organic waste material, which is waste from livestock production or breeding and/or animal waste product, e.g. manure, or from e.g. industries, by subjecting organic waste material in solid form to heat treatment process
19	JP2004242624-A	Concrete-made seaweed reef used in field of fisheries for growing young fish, has paste or mortar poured into space between shellfish shells thrown-in in predetermined formwork.
20	JP2004167436-A	Purification of slurry containing livestock excretion and agriculture/fisheries by-product, comprising turning jet stream of liquid/gas into slurry and mixing ozone gas for decomposing organic substance and pathogenic microorganisms.
21	JP2004155823-A	Manufacture of hydrogen-methane group gas, involves processing carbon-containing material, carbon-dioxide immobilized material, metal-type catalyst, alkali metal salt, and water, at preset temperature and pressure.
22	US6673241-B1	Self-floating cover assembly e.g. for pond, includes buoyancy-imparting layer formed in cover whose buoyancy is more than maximum weight of biomass collected on cover, during fixing of cover on water surface.
23	JP2004016216-A	Novel granulin related polypeptide derived from scallop, useful in stock raising industries or in fisheries.
24	JP2003180807-A; JP3846561-B2	Liquid deodorizer composition for deodorizing industrial waste, containing organic acid, terpene group essential oil and preset amount of polyoxyethylene alkyl or alkenyl ethers, has preset pH.
25	JP2003300789-A	Fermentation composting method for organic waste, involves treating organic waste in fermentation and drying zones simultaneously by blowing air through respective air blowing pipes.
26	JP2003118803-A	Water draining bag for organic-refuse disposers, comprises resin composition containing biodegradable high-molecular compound having preset heat-deflection temperature.
27	JP2003245687-A	Promotion of biological denitrification process, used for purifying raising water such as aquarium, involves activating magnetic field and denitrifying treated water.

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28	JP2003024991-A	Formalin containing waste water processing system for processing medicated bath from fisheries, comprises suspended solid removal, oxidation-decomposition treatment and oxidation-degradation promotion apparatuses.
29	WO2003004130-A; WO2003004130-A1; CA2352414-A1; KR2004021625-A; AU2002317114-A1; JP2004532733-W; CN1524008-A; US2005000917-A1; US7166229-B2; CN1309445-C	Liquid extracting apparatus for dehydrating humid mass, e.g. pulps from paper industries, comprises extraction channel(s) free of constraints or only comprises weak constraints.
30	JP2002254088-A	Waste water purifier e.g. for industrial waste, has deployed line mixer which increases amount of ozone in mixture of process liquid and ozone containing gas introduced from mixed air pump.
31	JP2002159843-A; JP3826215-B2	Substance extraction, for processing e.g. domestic wastes, involves subjecting high temperature arc or spark or plasma discharge to gaseous or liquid or solid wastes, for molecular disintegration.
32	WO200256994-A; KR481196-B1; WO200256994-A1; KR2002089393-A; EP1294461-A1; AU2001227149-A1; JP2004517724-W; KR481196-B	Wastewater clarifier for purifying waste water containing pollutants such as agricultural chemicals, industrial wastes, consists of filtration reactor with atomized slag balls packed as filter media.
33	JP2002087897-A	Manufacture of organic fertilizer involves treating organic waste with microbes, such as Actinomycetes, photosynthetic bacteria, Lactobacillus, filamentous fungi and/or yeast, under aerobic conditions.
34	EP1346373-A; WO200221538-A; WO200221538-A2; DE10045788-A1; AU200212220-A; EP1346373-A2; AU2002212220-A8; EP1346373-B1; DE50110833-G	Reducing volume of radioactively contaminated ion exchanger for disposal involves eluting radioactivity, treating eluate with biosorbent, incinerating contaminated biosorbent and immobilizing ash, e.g. in glass.

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35	JP2001334145-A	Waste material processing method involves performing gasification of waste substance in solid, liquid or gaseous state, using heat due to spark between resistors, in gasifier.
36	JP2001317882-A	Waste material processing involves subjecting substances consisting of gaseous, liquid and solid phases to gasification using heat supplied by arc discharge.
37	US6322782-B1	New composition comprising novel pathogenic bacterium SG-3 and a carrier, useful for controlling algae in aquatic environments especially to reduce or eliminate off-flavor in water or fish e.g. commercially produced catfish.
38	JP2001238561-A	Saprolegnia prevention and removal in fish culture and in breeding of fish roe in hatch apparatus, involves adding electrolyte water containing residual chloride to act on zoospore or hyphae of Saprolegnia.
39	KR2001035406-A	Method for manufacturing fertilizer comprises magnesium and calcium using hard dolomite and organic waste.
40	WO200160766-A; WO200160766-A1; AU200134214-A	Production of magnesium and calcium-containing compost for use as fertilizer, involves reacting organic waste and slaked dolomite while stirring.
41	JP2001061368-A; JP3861257-B2	Artificial reef for breeding of oceanic product, consists of concrete hardening ability composition which contains agriculture, forestry and fisheries waste and humus soil layer.
42	WO200125159-A; EP1409420-A; WO200125159-A1; EP1409420-A1	Water aerator readily introduced and positioned in diverse water purification applications combines fine pore aeration hose with float capable of being flooded.
43	JP2001029945-A	Phosphorous compound removal method for river water treatment, comprises irradiating ultraviolet rays onto water to oxidize the phosphorus compound to phosphate ions.
44	JP2001029707-A	Filtration apparatus for foodstuff, paper and chemical industries comprises cylindrical filtration screen provided with inner screw conveyor, both rotated differentially by drive unit.
45	JP2000317345-A	Heavy metal separation method from wastes of agriculture, fisheries, involves separating raw material particles dielectrically by difference in Coulomb force based on difference of heavy metal content in particles.
46	US6143533-A; JP2001139589-A; JP3491033-B2	Preparation of N-glycolyl neuraminic acid from fishery waste.
47	JP11123325-A	Fluid flow enhancing apparatus in waterworks, includes ceramic board on which magnets are arranged in parallel in predefined manner to generate magnetic attraction and repulsion force for enhancing fluid flow.
48	JP2000186271-A	Animal and plant organic agent for decomposing excrements and livestock, comprises wheat bran fermented material obtained from lactic acid fermentation.
49	JP2000175580-A	Extermination method of pathogenic bacteria in Nori sea weed involves immersion and dispersion of sea weed, grown in fisheries in concentrated natural waste water.

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50	JP2000081261-A	Chlorinated ice manufacturing equipment for foodstuff preservation, rotates auger and cuts ice block with upper bearing after forming ice block between auger and freezing cylinder by stopping auger rotation.
51	JP2000081260-A	Chlorinated ice manufacturing equipment for foodstuff preservation, feeds chlorine gas to refrigeration cylinder of auger type ice making machine equipped with impeller to externally derive chlorinated ice pieces.
52	JP2000081259-A	Chlorinated ice manufacturing equipment for foodstuff preservation, forms chlorinated ice by cooling chlorinated water of high chlorine concentration obtained by successively mixing chlorine to water.
53	JP2000042980-A	Waste plastics shredder for disposal of vinyl chloride group films, has cutting edges of rotary blade curved like sickle and vanes provided around periphery of rotary blade wheel.
54	JP11343189-A	Concrete made multiple sectioned fermentation apparatus for organic waste - has sections divided by movable plate, oxygen feed pipes in inner wall lower portion, and projected section with catchment groove to prevent sediment bridging and for eliminating condensed water.
55	JP11294738-A; JP3462749-B2	Vehicle mounted refuse incinerator employing horizontal rotatable drum form combustion grating - employs horizontal burners from one end and feed wastes through screw conveyor from other end providing for initial drying, ash separation and external air cooling.
56	JP11197469-A	Film element of spiral mould membrane module for gas-liquid or liquid-liquid contact operation - comprises gas-liquid contact films laminated on both sides of flow path materials.
57	JP11197468-A	Spiral membrane module for gas-liquid or liquid-liquid contact operation - has heat emitting body in either of two fluid paths formed with spiral film containing gas-liquid contact films laminated with two flow path materials.
58	JP11114397-A; JP3685605-B2	Raw material stirring method in fermenter - involves changing inclination of stirring unit corresponding to direction of longitudinal movement.
59	EP899327-A2; JP11056345-A; US5905033-A; JP3096689-B2	Preparing culture medium using waste from fisheries e.g. squid entrails - comprises milling entrails, diluting milled product and hydrolysing diluted product.
60	JP11005070-A; JP3491803-B2	Activating waste treatment - comprises promoting microbial activity using activating unit.
61	JP10286592-A; JP3400292-B2	Organic waste treatment - involves adding separated sludge and water with mixture of phosphorus and magnesium compounds such that mole ratio of magnesium is reduced by predetermined amount.
62	JP10286591-A; JP3445464-B2	Organic waste treatment method - involves mixing separated sludge with fermenting material after which solid liquid separation is carried out.
63	JP10286085-A	New Brevundimonas sp. P3-4 - used for treatment of ortho-phosphoric acid containing water.
64	JP10272493-A	Waste water processing method - involves adjusting pH of waste water and processing generated insoluble solid particles by backwashing type filtration source.

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65	US5762418-A	Submerged liquid mixer, e.g. for water, sewage and waste treatment - has an umbrella shaped piece to trap rising gas bubbles and provide buoyancy which causes it to rise up a pole until the bubbles are released so it sinks.
66	EP831076-A; EP831076-A1; JP10101452-A; JP10118643-A; JP10118644-A; CA2216321-A; US6042763-A; US6420292-B1; US6413432-B1; JP3408701-B2; JP3408702-B2; JP3431416-B2	Preparing porous ceramics - by mixing clay, pore forming material and water, moulding into arbitrary shape and drying, heating and calcining dried article to form porous ceramic with amorphous pore surfaces..
67	JP10000348-A	Food grade emulsion production from pearl oyster shell after pearl culture - comprises compounding phospholipid of pearl oyster shell to obtain emulsion.
68	DE19547663-A1	Odour-free processing of fish residues - carried out in hot steriliser which compresses residues.
69	JP5169069-A; JP3144499-B2	Controlling pH of water e.g. rivers and lakes - by using shell quicklime having slow digestion speed and produced from sea shells.
70	KR9109147-B	Prepn. of feed material contg. fish - by steaming fishery waste, filtering and concn. under vacuum, then adding to pulverised briquette ash powder.
71	JP1208385-A	Prepn. of organic manure from fisheries wastes - by blending with fowl droppings and bone meal, granulating, aerobically fermenting and drying.
72	EP178153-A; JP61092579-A; US4698304-A; CA1249784-A; EP178153-B; DE3582000-G	Producing hydrocarbon mixt. by aerobic culture - of microorganism in aq. medium.
73	EP133597-A; JP60034187-A; CA1226837-A; JP88026996-B; US4863862-A; EP133597-B; DE3481321-G	3-4C hydrocarbon prodn. - by aerobic fermentation.
74	DD201020-A	Denitrifying nitrate-contg. waste water - using bio-sludge as carbon-source and nitrifying released ammonia cpds. with air-oxygen.

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75	JP53061163-A; JP83053597-B	Treatment of blood-contg. waste water - using 'phytin' (RTM) opt. mixed with other acid, to decolourise water and coagulate protein.
76	JP48050982-A	Aluminium refining waste red mud utilization - by mixing with waste thermoplastics and moulding.
77	DD62578-A	Fertilizers from soda industry residues.