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Search 27: low flow (Results 51614)
Search 28: 25 and 27 (Results 10)

1) Family number: 55579111 (IN01446KO2013A)

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Title: HYDROELECTRIC POWER GENERATOR AND METHOD OF GENERATING THE POWER BY UTILIZING THE SAME

Abstract: This invention relates to a hydroelectric power generator and in particular this invention relates to a hydroelectric power generator by using Nitric Oxide Pressure and Atmospheric Pressure. More particularly, this present invention relates to a Hydroelectric Power Generator in which the suction energy for all the suction pumps is obtained by utilizing the pressure of nitric oxide. More particularly, this present invention relates to the method of generating the artificial hydroelectric power by nitric oxide pressure, atmospheric pressure and the torque with the force of the body weight of a living creature walking on an inclined, movable plate and also most effectively by tidal currents. Furthermore, this invention also relates to the Hydroelectric Power Generator which has the beneficial effects of having saving manpower cost, reducing labor intensity, and having safety and reliability and the creation of agriculture land with artificial illumination for photosynthesis and two more tracks for transport above the power house above a road and two footpaths related to the road and also to a new transport mechanism in which the loaded vehicle moves on the track by applying its minimum weight to the track to prevent its collapse.

Classifications:

International (IPC 8-9): F03B17/06 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
IN01446KO2013 A	20140110	IN2013KO01446	20131223

Probable Assignee: DR PRADIP KUMAR BHATTACHARYA
Assignee(s): DR PRADIP KUMAR BHATTACHARYA
Inventor(s): DR PRADIP KUMAR BHATTACHARYA

2) Family number: 31429136 (US2004265649A)

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Title: COATED HIGH TEMPERATURE SUPERCONDUCTING TAPES, ARTICLES, AND PROCESSES FOR FORMING SAME

Abstract: A superconducting article is disclosed, including a substrate and a chemical vapor deposited thin film superconducting layer overlying the substrate, the superconducting layer having a critical current not less than about 100 A/cm width at 77K and self field. The superconducting article may be a tape, multiple tapes, or a power device, such as a

power cable, power generator, or power transformer. Also disclosed are methods for manufacturing same and methods for using same.

Classifications:

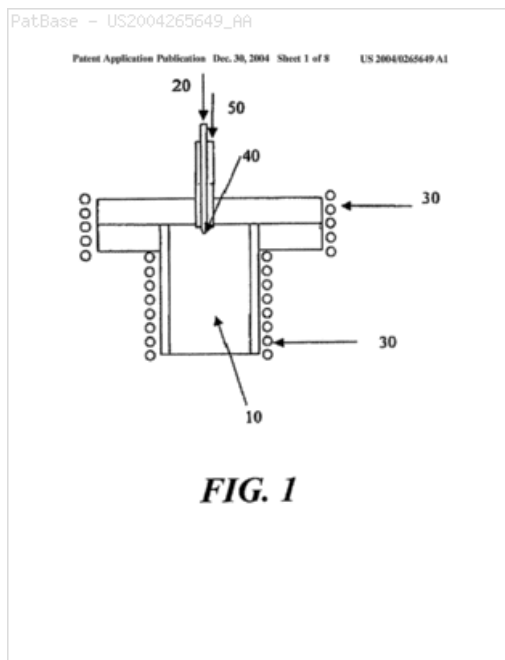
International (IPC 8-9): B05D5/12 C23C16/40 C23C16/448 C23C16/455 H01L39/14 H01L39/24 (Advanced/Invention)

International (IPC 1-7): B32B9/00

CPC: H01L39/143 C23C16/408 C23C16/4481 H01L39/2441 Y10T29/49014

European: C23C16/40N C23C16/448B H01L39/14B H01L39/24J2F2

US: 257/E39.018 257/E39.018S 29/599 427/62 428/701 428/701P 505/430 505/434 505/470



Family:

Publication number	Publication date	Application number	Application date
US2004265649 AA	20041230	US20030610072	20030630
US7521082 BB	20090421	US20030610072	20030630

Priority:

US20000223175P 20000807 US20000233175P 20000807 US20030610072 20030630
US20030344169 20030723

Probable Assignee: SUPERPOWER INC

Assignee(s): (std): SUPERPOWER INC

Inventor(s): (std): SELVAMANICKAM VENKAT

Agent(s): LARSON NEWMAN ABEL POLANSKY AND WHITE LLP

3) Family number: 55001198 (WO13156838A1)

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Title: AN IMPROVED HYDROELECTRIC ENERGY GENERATOR AND AN ELECTRICALLY-CONTROLLED SELF-POWERED FLOW REGULATOR COMPRISING SAID HYDROELECTRIC ENERGY GENERATOR

Abstract: The invention is a hydroelectric power generator (1) interposed in a duct, comprising: an external casing (2) in which it is possible to identify an inlet pipe fitting (3) and an outlet pipe fitting (4) for the fluid; an impeller (5) arranged inside the casing (2) so that the fluid entering through the inlet pipe fitting (3) intercepts a plurality of blades (51) defined on a first surface (52) of the impeller (5), setting the impeller rotating around a rotation axis (X); magnetic means (6) fixedly coupled with the impeller (5) and suited to interact electromagnetically with a stator (7) integrated in the casing (2) so as to generate electric energy when the impeller (5) is set rotating around the rotation axis (X). In the generator (1), the body of the impeller (5) comprises a seat (53) with substantially longitudinal development on the opposite side of the impeller with respect to the blades (51), so that the seat (53) can be coaxially and freely coupled with a pin (8) integral with the casing (2) and projecting from the latter along the rotation axis (X).

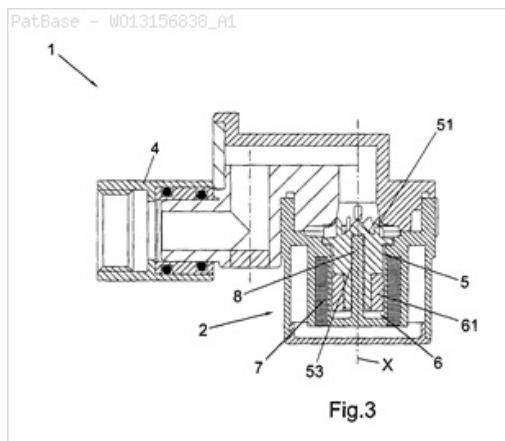
Classifications:

International (IPC 8-9): F03B13/00 F03B15/02 F03B17/00 F03B3/02 F03B3/12 F03B3/16 (Advanced/Invention)

CPC: F05B2250/82 F03B3/02 F03B3/125 F03B3/16 F03B13/00

F03B15/02 F03B17/005 F05B2220/602 F05B2220/604 Y02B10/50

Y02E10/223 Y02E10/226



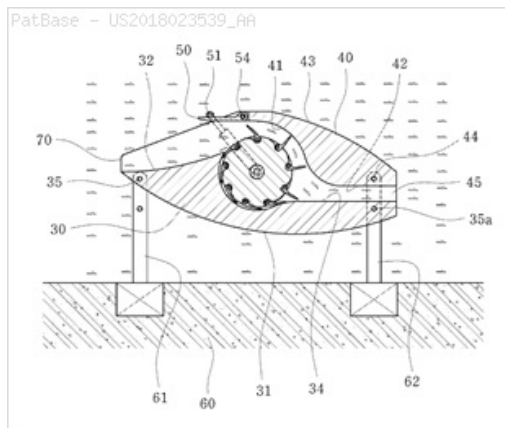
Family:

Publication number	Publication date	Application number	Application date
ITVI20120086 A1	20131018	IT2012VI00086	20120417
WO13156838 A1	20131024	WO20131B00691	20130416

Priority:

Probable Assignee: DE NUZZO ELVIO**Assignee(s):** (std): DE NUZZO ELVIO ; FELEPPA VITO**Inventor(s):** (std): DE NUZZO ELVIO ; FELEPPA VITO**Agent(s):** BONINI ERCOLE**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**4) Family number: 60166230 (US2018023539A)**

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Title: HYDROELECTRIC POWER GENERATOR FOR RIVER**Abstract:** The present invention relates to a hydroelectric power generator for a river. More particularly, the hydroelectric power generator for a river, while being installed in a river or in water stored by a dam, can induce the flow velocity of water inside a turbine system and produce power using the rotating turbine, can use environment-friendly energy by controlling the amount of water flowing inside, can be installed at various places including a place with a small head drop, and can be configured in various sizes.**Classifications:****International (IPC 8-9):** F03B1/00 F03B13/00 F03B13/10 F03B15/04 F03B15/06 F03B15/08 F03B17/06 F03B3/06 F03B3/08 F03B3/12 F03B3/14 F03B3/18 F03B7/00 (Advanced/Invention)**CPC:** Y02E10/223 Y02E10/226 Y02E10/28 F03B17/06 F03B3/06 F03B15/06 F03B3/183 F03B3/08 F03B13/10 F03B3/12 F03B13/00 F03B3/14 F03B3/18 F03B17/062 F03B15/04 F03B3/121 F05B2210/11 F05B2220/32 F05B2250/50 Y02E10/22**US:** 416/181**Family:**

Publication number	Publication date	Application number	Application date
■ CN107208599 A	20170926	CN201680009292	20160129
■ CN107208599 B	20190426	CN201680009292	20160129
■ EP3258098 A1	20171220	EP20160749376	20160129
■ EP3258098 A4	20180822	EP20160749376	20160129
■ JP2018508709 T2	20180329	JP20170560455T	20160129
■ JP6508361 B2	20190508	JP20170560455T	20160129
■ KR101545993 B1	20150820	KR20150019468	20150209
■ US2018023539 AA	20180125	US20160549151	20160129
■ WO16129836 A1	20160818	WO2016KR00970	20160129

Priority:

KR20150019468 20150209 WO2016KR00970 20160129

Probable Assignee: OHTAEKGEUN**Assignee(s):** (std): OH TAEK GEUN ; OH TAEKGEUN**Assignee(s):** OHTAEKGEUN**Inventor(s):** (std): OH TAEK GEUN ; OH TAEKGEUN**Agent(s):** SAMSON AND PARTNER PATENTANWALTE MBB; AHN JAEYUL**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**5) Family number: 67919236 (US2019128125A)**

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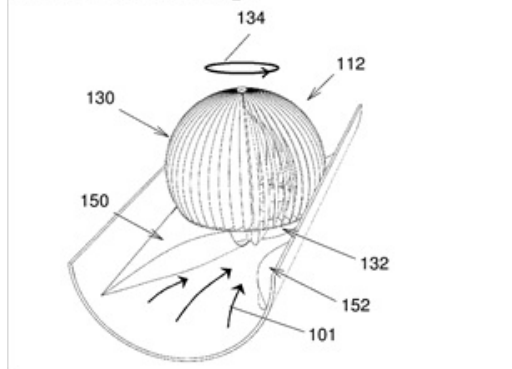
Title: POWER GENERATOR**Abstract:** A power generator for generating power using a liquid that can alternatively flow at a lower flow rate and at a higher flow rate. The power generator includes a conduit and a rotor mounted in the conduit so as to be rotatable about a rotation axis. The rotor includes a top set of blades provided in a conduit top portion and configured for rotating about the rotation axis when the liquid flows at the higher flow rate in the conduit. The rotor also includes a bottom set of blades provided in a conduit bottom portion and configured for rotating about the rotation axis when the liquid flows at the lower flow rate in the conduit. An output shaft protrudes from the conduit and is rotatable by at least one of the top and bottom sets of blades. The top and bottom blades have different configurations.**Classifications:****International (IPC 8-9):** F01D1/02 F01D5/14

F01D5/22 (Advanced/Invention)

CPC: F01D5/22 F01D1/02 F05D2220/60 F01D5/147 F01D5/141

F03B13/00 F05B2220/20 F05B2220/602 F05B2240/121 F05B2240/24

F05B2250/241

**Family:**

Publication number	Publication date	Application number	Application date
GB201718008 A0	20171213	GB20170018008	20171031
US2019128125 AA	20190502	US20180156225	20181010

Priority:

GB20170018008 20171031

Probable Assignee:

AUGER LAURENT

Assignee(s): (std):

AUGER LAURENT

Inventor(s): (std):

AUGER LAURENT

6) Family number: 73048553 (US2019032625A)

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Title: SYSTEMS AND METHODS FOR HYDROELECTRIC SYSTEMS INCORPORATING ARTIFICIAL BARRIERS WITH CROSS-FLOW TURBINES

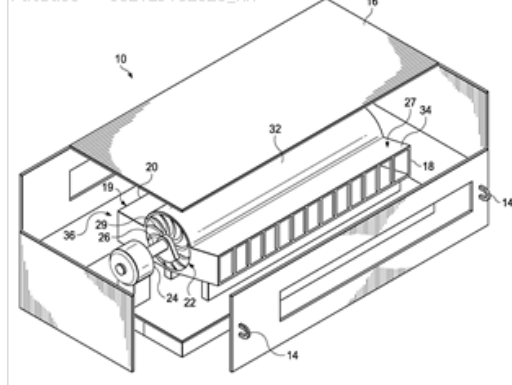
Abstract: Embodiments include a hydroelectric system including a module having a protective housing, a turbine housing retained within the protective housing, the turbine housing including an inlet portion at a first end, a substantially tubular portion, and an outlet portion at a second end, a turbine retained at least partially within the turbine housing, the turbine including a plurality of blades coupled with a central shaft, and a hydraulic pump, the hydraulic pump being coupled with the central shaft, where the hydraulic pump is configured to pump a high pressure liquid, and an artificial barrier, the module being coupled to a downstream surface of the artificial barrier, where the artificial barrier defines a cutout having an inlet portion, an outlet portion, and a channel fluidly coupled with the turbine housing of the module.

Classifications:**International (IPC 8-9):** F03B11/02 F03B3/10

F03B3/12 (Advanced/Invention)

CPC: F03B11/02 F03B3/121 F03B3/106 F03B13/08 F05B2240/244 F05B2240/30

PatBase - US2019032625_AA

**Family:**

Publication number	Publication date	Application number	Application date
US2019032625 AA	20190131	US20180019201	20180626

Priority:

US20170537115P 20170726

US20180019201 20180626

Probable Assignee: DAYTON HYDRO ELECTRIC LTD D B A KW RIVER HYDROELECTRIC**Assignee(s):** (std): DAYTON HYDRO ELECTRIC LTD D B A KW RIVER HYDROELECTRIC**Assignee(s):** DAYTON HYDRO ELECTRIC LTD**Inventor(s):** (std): KLING PAUL RAYMOND**7) Family number: 59879661** (US2015204301A)

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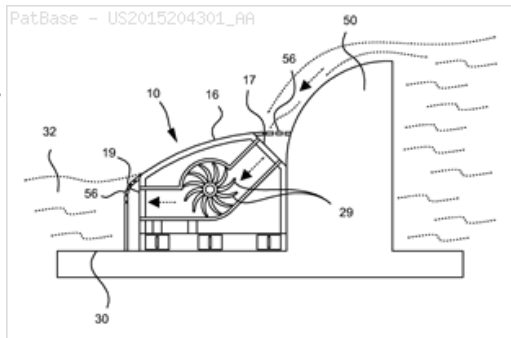
Title: SYSTEMS AND METHODS FOR HYDROELECTRIC SYSTEMS

Abstract: Embodiments of a hydroelectric system for a low head dam can include a module including a protective housing, a turbine housing retained within the protective housing, the turbine housing including an upper inlet portion at a first end, a substantially tubular portion, and a lower outlet portion at a second end, the upper inlet portion being positioned above the lower outlet portion, a turbine retained at least partially within the turbine housing, the turbine including a plurality of blades coupled with a central shaft, and a fluid pump, the fluid pump being coupled with the central shaft, where the fluid pump is configured to pump a high pressure fluid, a fluid circuit, the fluid circuit including piping, where the high pressure fluid is retained within the piping, and a shoreline generator, the shoreline generator being coupled with the fluid circuit, where the

offsite generator is driven by the high pressure fluid that is pumped by the fluid pump in response to the rotation of the turbine.

Classifications:

International (IPC 8-9): F01D15/08 F01D15/10 F03B11/02
F03B13/00 F03B13/08 H02K7/18 H02P9/04 (Advanced/Invention);
F01D15/10 F02C6/00 (Advanced/Non-invention)
CPC: F03B13/08 F05B2240/40 F05B2260/406 Y02E10/22 H02K7/1807
US: 290/52



Family:

Publication number	Publication date	Application number	Application date
US2015204301 AA	20150723	US20150602925	20150122
US2017234288 AA	20170817	US20170495520	20170424
US2018030951 AA	20180201	US20170717308	20170927
US9803614 BB	20171031	US20170495520	20170424
US10202960 BB	20190212	US20170717308	20170927
WO15112727 A1	20150730	WO2015US12475	20150122

Priority:

US20140930279P 20140122 US20140059456P 20141003 US20150602925 20150122
US20170495520 20170424 US20170717308 20170927

Probable Assignee: DAYTON HYDRO ELECTRIC LTD D B A KW RIVER HYDROELECTRIC

Assignee(s): (std): DAYTON HYDRO ELECTRIC LTD ; DAYTON HYDRO ELECTRIC LTD D B A KW RIVER HYDROELECTRIC

Inventor(s): (std): KLING PAUL RAYMOND ; WILLIAMS FRED E

Agent(s): ULMER AND BERNE LLP; VANDRAKE III VANCE V ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

8) Family number: 59671703 (US2018023533A)

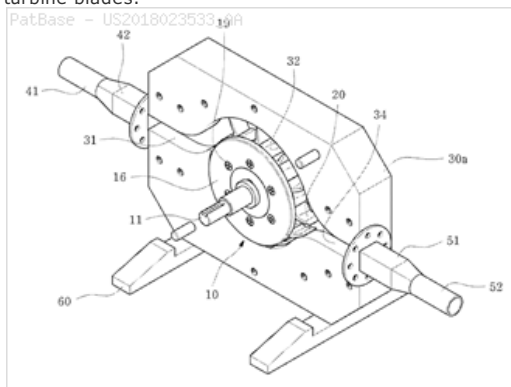
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Title: HYDROELECTRIC POWER GENERATION DEVICE FOR PIPELINE

Abstract: Provided is a hydroelectric power generator for a pipeline that is installed at a position in a pipeline to generate electricity using a rotating turbine by inducing a flow velocity of water therein and uses environment-friendly energy through the water velocity while varying in size in accordance with the size of a pipeline to generate electricity even at a low-speed stream. The hydroelectric power generator for a pipeline generates electricity with high efficiency by increasing an angular speed at the same flow speed by adjusting the number and radius of turbine blades.

Classifications:

International (IPC 8-9): F03B17/06 F03B3/12
F03B7/00 (Advanced/Invention)
CPC: F03B3/121 F03B17/062 F03B17/065 F03B7/003 F05B2220/32
F03B7/00 F03B17/06 Y02E10/223 Y02E10/28
US: 310/40R



Family:

Publication number	Publication date	Application number	Application date
CN107257887 A	20171017	CN201680010360	20160129
CN107257887 B	20190604	CN201680010360	20160129
EP3260696 A1	20171227	EP20160752624	20160129
EP3260696 A4	20180829	EP20160752624	20160129
JP2018505344 T2	20180222	JP20170541965T	20160129
JP6512465 B2	20190515	JP20170541965T	20160129
KR101533055 B1	20150702	KR20150023366	20150216
US2018023533 AA	20180125	US20160549153	20160129
US10221828 BB	20190305	US20160549153	20160129
WO16133294 A1	20160825	WO2016KR00972	20160129

Priority:

KR20150023366 20150216 WO2016KR00972 20160129

Probable Assignee: IAE IA AA I AAEE

Assignee(s): (std): OH TAEK GEUN ; OH TAEKGEUN
Assignee(s): OHTAEKGEUN ; IAE IA AA I AAAE
Inventor(s): (std): OH TAEK GEUN ; OH TAEKGEUN
Agent(s): SAMSON AND PARTNER PATENTANWALTE MBB; LEE AND ASSOCIATES LLC; AHN JAEYUL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

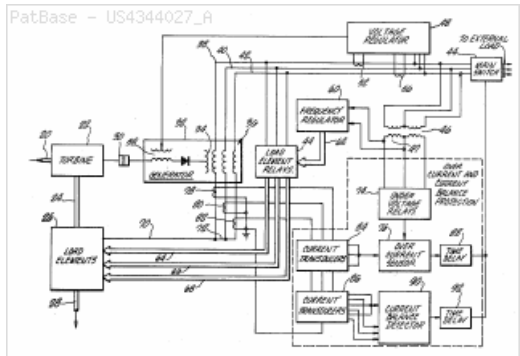
9) Family number: 3856860 (US4344027A) © PatBase

Title: Frequency regulator for synchronous generators

Abstract: The present invention is directed to a novel frequency regulator which controls a generator output frequency for variations in both the input power to the generator and the power supplied to an uncontrolled external load. The present invention further includes over current and current balance protection devices which are relatively inexpensive to manufacture, which may be encapsulated to provide protection from the operating environment and which respond more quickly than previously known electromechanical devices.

Classifications:

International (IPC 8-9): H02J3/14 (Advanced/Invention)
International (IPC 1-7): H02H7/26 H02P9/00 H02P9/30
CPC: H02J3/14 Y02B70/3225 Y04S20/222
European: H02J3/14 Y02B70/32B4 Y04S20/22C
US: 322/25 322/27 322/32 322/7 322/95 322/97 322/99 361/20 361/87



Family:

Publication number	Publication date	Application number	Application date
US4344027 A	19820810	US19800119581	19800207
US4406984 A	19830927	US19820366873	19820409

Priority:

US19800119581 19800207 US19820366873 19820409

Probable Assignee: SOUTHERN CALIFORNIA EDISON CO

Assignee(s): (std): KARLICEK ROBERT F ; SOUTHERN CALIFORNIA EDISON CO

Assignee(s): SOUTHERN CALIFORNIA EDISON CO A CORP OF CA ; SOUTHERN CALIFORNIA EDISON COMPANY

Inventor(s): (std): KARLICEK ROBERT F

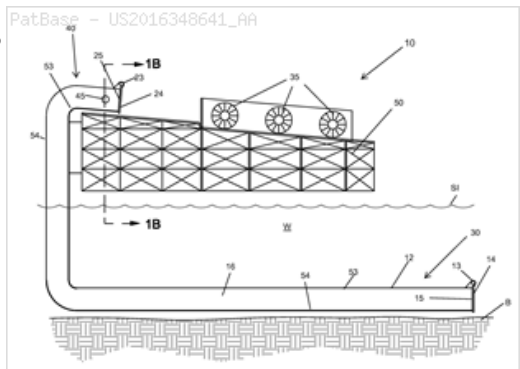
10) Family number: 62066884 (US2016348641A) © PatBase

Title: HYDROELECTRIC POWER GENERATOR SYSTEM AND METHOD

Abstract: A hydroelectric power generating system comprises a horizontal pipe construction, which produces an inflow of water caused by a vacuum initially created within the system. The inflow is used to drive a water turbine located within the respective electrical generating system to produce electrical power.

Classifications:

International (IPC 8-9): F03B13/08 F03B13/22 F03B17/00 F03B17/06 F03B7/00 (Advanced/Invention)
CPC: F03B17/005 F03B13/22 F03B7/00 F03B13/086 F03B17/062 F03B17/00 Y02E10/28
US: 290/54



Family:

Publication number	Publication date	Application number	Application date
US2016348641 AA	20161201	US20150779528	20150719
US2017284360 AA	20171005	US20170493607	20170421
US2018266384 AA	20180920	US20180988773	20180524
US10280893 BB	20190507	US20180988773	20180524
WO16053447 A1	20160407	WO2015US41045	20150719

Priority:

US20140058430P 20141001 US20150779528 20150719 WO2015US41045 20150719
US20150779528 20150923 US20170493607 20170421 US20180988773 20180524

Probable Assignee: JESSAMY FREDERICK J

Assignee(s): (std): JESSAMY FREDERICK J

Inventor(s): (std): JESSAMY FREDERICK J

Agent(s): MELES PABLO; ESPINOSA MARTINEZ PL; FLINT NANCY J

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR
CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID
IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN
MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG
SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW