

Title (en)

FACILITY FOR CONVERTING WATER POWER INTO MECHANICAL OR ELECTRICAL ENERGY

Title (de)

ANLAGE ZUR UMWANDLUNG VON WASSERKRAFT IN MECHANISCHE ODER ELEKTRISCHE ENERGIE

Title (fr)

INSTALLATION DE CONVERSION D'ÉNERGIE HYDRAULIQUE EN ÉNERGIE MÉCANIQUE OU ÉLECTRIQUE

Publication

EP 2382023 A2 20111102 (FR)

Application

EP 10707569 A 20100122

Priority

- FR 2010050094 W 20100122
- FR 0950419 A 20090123
- FR 0950421 A 20090123

Abstract (en)

[origin: WO2010084288A2] The invention relates to a facility for converting water power into mechanical or electrical energy, including at least one hydraulic turbine, a water reservoir (R), and a pipe (5) for supplying the turbine with water (E) from the water reservoir. The facility also includes a device (200) submerged in the water reservoir and suitable for imposing an ascending movement on a water flow (E0) moving in the water reservoir (R) towards the opening (51) of the supply pipe (5), and a gas-collecting means (400), arranged above a portion (V200) of the device (200) in which the ascending movement of the water flow (E0) takes place.

IPC 8 full level

B01D 19/00 (2006.01)

CPC (source: EP US)

B01D 19/0036 (2013.01 - EP US); **B01D 19/0042** (2013.01 - EP US); **B01D 19/0063** (2013.01 - EP US); **F03B 11/04** (2013.01 - EP US); **F03B 13/06** (2013.01 - EP US); **F05B 2240/97** (2013.01 - EP US); **Y02E 10/20** (2013.01 - EP US); **Y02E 60/16** (2013.01 - EP US)

Citation (search report)

See references of WO 2010084288A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010084288 A2 20100729; WO 2010084288 A3 20100930; AP 2011005825 A0 20110831; CA 2749744 A1 20100729; CL 2011001770 A1 20120224; CN 102292134 A 20111221; CO 6400205 A2 20120315; EC SP11011215 A 20110831; EP 2382023 A2 20111102; MX 2011007816 A 20110921; US 2011271675 A1 20111110; US 9003785 B2 20150414

DOCDB simple family (application)

FR 2010050094 W 20100122; AP 2011005825 A 20100122; CA 2749744 A 20100122; CL 2011001770 A 20110721; CN 201080005130 A 20100122; CO 11091592 A 20110722; EC SP11011215 A 20110719; EP 10707569 A 20100122; MX 2011007816 A 20100122; US 201013144677 A 20100122