

Title (en)
METHOD FOR PRODUCING A WATER POWER STATION

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER WASSERKRAFTANLAGE

Title (fr)
PROCEDE DE FABRICATION D'UNE CENTRALE HYDRAULIQUE

Publication
EP 1461529 A1 20040929 (DE)

Application
EP 02787820 A 20021126

Priority
• AT 20032001 A 20011220
• EP 0213275 W 20021126

Abstract (en)
[origin: WO03054385A1] The invention relates to a method for producing a facility for generating electric energy from water power and to a method for converting a dam according to which at least two turbine generator units (2) consisting of a turbine and of a generator connected thereto are manufactured at a remote manufacturing site. Also at a remote manufacturing site, at least two turbine generator units (2), together, are joined to at least one module (1) consisting of at least two turbine generator units (2). At least one module (1) is transported by a means of transportation, preferably a watercraft, from the manufacturing site over a distance to the installation site, and at the installation site, a lifting device (4) is used to lift the at least one module (1) from the means of transportation, whereupon it is placed in a position provided for the operation thereof. This combination of features results, while involving the concept of a highly modular design of the electromechanical units, in a technically and economically optimal solution that can compete with other sources of energy.

IPC 1-7
F03B 13/10

IPC 8 full level
F03B 13/08 (2006.01); **F03B 13/10** (2006.01)

CPC (source: EP US)
F03B 13/08 (2013.01 - EP US); **F03B 13/105** (2013.01 - EP US); **F05B 2240/40** (2013.01 - EP US); **Y02E 10/20** (2013.01 - EP US); **Y02P 70/50** (2015.11 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03054385 A1 20030703; AR 038032 A1 20041222; AT 411369 B 20031229; AT A20032001 A 20030515; AU 2002352146 A1 20030709; CA 2469632 A1 20030703; CA 2469632 C 20080129; EG 23248 A 20040929; EP 1461529 A1 20040929; HU P0402197 A2 20050228; MX PA04006006 A 20040927; MY 130897 A 20070731; PE 20030778 A1 20031106; PL 369955 A1 20050502; US 2004222641 A1 20041111; US 6930407 B2 20050816

DOCDB simple family (application)
EP 0213275 W 20021126; AR P020104986 A 20021218; AT 20032001 A 20011220; AU 2002352146 A 20021126; CA 2469632 A 20021126; EG 2002121378 A 20021221; EP 02787820 A 20021126; HU P0402197 A 20021126; MX PA04006006 A 20021126; MY PI20024572 A 20021204; PE 2003000003 A 20030106; PL 36995502 A 20021126; US 86578104 A 20040614