

Title (en)
SYSTEM FOR GENERATION OF ELECTRICAL POWER.

Title (de)
SYSTEM ZUM ERZEUGEN ELEKTRISCHEN STROMS.

Title (fr)
SYSTEME DE PRODUCTION D'ENERGIE ELECTRIQUE.

Publication
EP 0111480 A4 19841029 (EN)

Application
EP 82902290 A 19820608

Priority
US 8200792 W 19820608

Abstract (en)
[origin: WO8304425A1] A hydroelectric generator (52) is located in the basement of a high-rise building and connected in series in the clean waste-water line (18) of the building, to produce electrical power in response to the flow of the waste water from the building. An automatically controlled valve (50) in a bypass line serves to direct excess water flow around the hydroelectric generator unit and maintain the flow through the generator unit at a predetermined maximum level. An automatic switch-over device (54) disconnects the generator output terminals from the electrical output terminals of the unit when the voltage and/or frequency of the generator output is unsatisfactory, e.g., too low.

IPC 1-7
F03B 13/10; H02P 9/04

IPC 8 full level
F03B 13/00 (2006.01)

CPC (source: EP)
F03B 13/00 (2013.01); **F05B 2220/20** (2013.01); **F05B 2220/602** (2013.01); **Y02B 10/50** (2013.01)

Citation (search report)

- [X] DE 2732552 A1 19790201 - GEITH SEN ALBERT
- [E] DE 3117410 A1 19821118 - FROHMUELLER LUDWIG
- [E] US 4352025 A 19820928 - TROYEN HARRY D
- [A] PATENTS ABSTRACTS OF JAPAN, vol. 6, no. 79 (P-115)[957], 18th March 1982; & JP - A - 57 017 024 (HITACHI SEISAKUSHO K.K.) 28-01-1982

Cited by
CN102373735A

Designated contracting state (EPC)
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)
WO 8304425 A1 19831222; EP 0111480 A1 19840627; EP 0111480 A4 19841029

DOCDB simple family (application)
US 8200792 W 19820608; EP 82902290 A 19820608