

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)

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- [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

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CN102373735A

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

DOCDB simple family (publication)  
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