

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
16 July 2009 (16.07.2009)

PCT

(10) International Publication Number
WO 2009/086593 A1

(51) International Patent Classification:

F03B 13/10 (2006.01) **F01D 1/22** (2006.01)
F01D 5/04 (2006.01) **F01D 5/14** (2006.01)
F03B 3/12 (2006.01)

(21) International Application Number:

PCT/AU2009/000010

(22) International Filing Date: 6 January 2009 (06.01.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2008900080 8 January 2008 (08.01.2008) AU

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(81) Designated States (*unless otherwise indicated, for every*

kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE,
EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID,
IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK,
LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW,
MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT,
RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM,
ZW.

(84) Designated States (*unless otherwise indicated, for every*

kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK,
MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG).

Published:

— with international search report

(54) Title: TURBINE ASSEMBLY

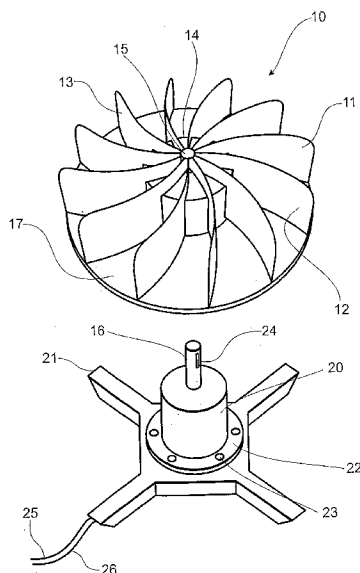


FIG. 2

(57) Abstract: A turbine assembly comprising a blade assembly having a plurality of curved blades with an inner end of each of the curved blades terminating at a cavity. The cavity has an open side with a generator located within the cavity and coupled to the blade assembly. The turbine assembly is suitable for underwater use. Multiple turbine assemblies may be connected to form a power generation station.