

Title (en)

DEEP WATER WATER CURRENT TURBINE INSTALLATIONS

Title (de)

TIEFWASSER-WASSERSTRÖMUNGSTURBINENANLAGEN

Title (fr)

INSTALLATIONS DE TURBINE HYDRAULIQUE UTILISANT LES COURANTS EN EAU PROFONDE

Publication

**EP 2185809 A2 20100519 (EN)**

Application

**EP 08718822 A 20080320**

Priority

- GB 2008000985 W 20080320
- GB 0705476 A 20070322

Abstract (en)

[origin: GB2447774A] A flowing water drivable turbine system, including a least one turbine assembly (4) for converting the kinetic energy of passing water currents into usable energy, a support structure (1) for mounting said at least one turbine assembly, and vessels for maintaining the support structure a vertical/upright setting by the combined effects of associating the upper part of the support structure with provision of a buoyancy vessel (7) and with a vessel (10) for the weight ways loading the lower part of the support structure which is held in operational position by at least one cable, chain or other flexible tensile member attached to an anchor point on the seabed.

IPC 8 full level

**F03B 13/26** (2006.01); **F03B 17/06** (2006.01)

CPC (source: EP GB)

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**GB 0805133 D0 20080423**; **GB 2447774 A 20080924**; **GB 2447774 B 20120523**; EP 2185809 A2 20100519; GB 0705476 D0 20070502; WO 2008114019 A2 20080925; WO 2008114019 A3 20090219

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