Submarine construction for Tsunami and flooding protection, for tidal energy and energy storage, and for fish farming

Inventor

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Field of invention

The present invention relates to the protection against Tsunami waves and against flooding from storms, and also presents a novel technology for submarine architecture and protection of offshore platforms and bridge pillars. Turbines in the barriers transform tidal energy, and pumping into the reservoirs allows energy storage and continuous supply of electricity. The seawater reservoirs separated by the Tsunami barriers can be used for fish/tuna and seafood production and partially can be filled up for land reclamation. A double-pontoon technology allows efficient and economic construction of barriers and roads into the sea. Attenuation of waves protects the construction phase and and utilizes the wave energy.

Cross-References to Related Applications

The entire disclosure of the following patent applications is incorporated herein by reference:

- PCT/IB2012/054543 filed on September 03, 2012 in the name of Hans J. Scheel
- PCT/IB2012/056613 filed on Nov. 22, 2012 in the name of Hans J. Scheel
- PCT/IB2012/057458 filed on Dec. 19, 2012 in the name of Hans J. Scheel
- PCT/IB2013/055276 filed on June 27, 2013 in the name of Hans J. **Scheel**
- PCT/IB2013/059511 filed on October 21, 2013 in the name of Hans J. Scheel