~~Device for generating hydroelectric energy~~.

The present invention relates to a device for generating hydroelectric energy.

More specifically, the invention is intended to generate hydroelectric energy using the current of a river, an estuary or similar.

Devices are known that use the current of the water to generate energy. A practical example of such a device is a hydropower station.

Such a hydropower station requires the creation of reservoirs by means of one or more dams.

The location of these reservoirs needs to be carefully chosen and not all rivers are suitable to allow them.

These reservoirs can have adverse effects on nature, since the natural habitat of animals and plants is disturbed.

These reservoirs involve a high loss of land area requiring the relocation of complete villages or cities and these artificial lakes can potentially be a risk upon failure of the dams.

Moreover, hydropower stations and dams are large and complex structures, so that the construction of such installations is an expensive, long and tedious matter.

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