



Energy harvesters for building automation, transport and industrial applications with an energy output > 20 milliwatt

(10 CH 84FB 3JRM)



Abstract

A Swiss company is looking on behalf of its customers for electromechanical and thermo-electrical energy harvesting systems that can convert dynamic or thermo energy into electrical energy. Harvesters should convert flow (liquid, gaz, etc...), vibrations, motion, temperature gradient, etc... into electrical energy. The energy output should be more than 20 milliwatt. Licensing, technical cooperation or joint venture can be considered. Financial cooperation can be discussed.

electronics

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Description

The company is looking for any type of energy harvesting solutions that can be used in markets such as: process automation, building automation, automotive and general industry.

The energy harvester should have an energy output between 20 mWatt (milliwatt) and 10 Watt.

The solution can convert dynamic or thermo energy into electrical energy. Harvesters should convert flow (liquid, gaz, etc...), vibrations, motion, temperature gradient, etc... into electrical energy.

The solution can be at the technology stage as well it can be a finished product. The company can participate into the various stages of the development by contributing to the financing of projects development, industrialization and commercialization.

Only solutions available with patents, patent pending or specific know how will be considered. Business of various models can be considered but only for world wide sales.

Technical Specifications / Specific technical requirements of the request

- Energy Harvesters with energy output between 20 mWatt and 10 Watt
- With or without power conversion and/or wireless