



COOPERATION OFFER

GENERAL DESCRIPTION

Title Sensing Devices for Toxic (CO) and Explosive (hydrocarbon) Gases

Summary

German venture is looking for users of gas warning devices. In demand are customers who want to apply the technology in specific needs with customer specific interfaces, or to use available standard products with different signal and switching options.

The offer is related to CO-testing, like with devices cautioning against smouldering fire, or testing of explosive gases in air linked with liquid gas installations or grid gas.

Description

The company develops and manufactures opto-electronic products for test, measurement and fibre sensing since 2002. The venture serves customers in a variety of markets with advanced opto-electronic building blocks (hardware, and firmware). Modules are integrated into measurement instruments or a complete instrument hardware is complemented with software by the venture's system customers.

Gas sensing is a new field of activity that the venture overtook from a business partner who was pioneering this market in Germany. The existing devices are able to sense CO and flammable hydrocarbons (C H_x) contents in liquid gas and grid gas. These products increase the safety in buildings, industrial sites or vehicle when detecting toxic and explosive gases, that are either used there or arising from fire in buildings at an early stage.

The company is looking for potential customers with interest in these security related sensing devices that help to either increase product-safety, examples are furnaces or caravans/trailers), or become a private-label part in safety and surveillance systems for private homes, or the industry.

Advantages and Innovations

The certified and proven technology is developed and produced in Germany. This is an advantage in the security-related market and product engineers at the customer's side have direct contact to the venture's R&D site. This makes it possible to develop and modify new products according to the customer's needs very quick and cost efficient. The sensing devices operate with commercial catalytic sensors, standard devices for fire warning in addition apply a patented system architecture for increased safety compared with competitor's products.

Current Stage of Development*

- | | |
|---|--|
| <input type="checkbox"/> Under development /laboratory tested | <input type="checkbox"/> Field tested / evaluated |
| <input type="checkbox"/> Available for demonstration | <input type="checkbox"/> Prototype available for demonstration |
| <input checked="" type="checkbox"/> Already on the market | <input type="checkbox"/> Concept stage |

Intellectual Property Rights Status*:

- | | |
|--|--|
| <input type="checkbox"/> Patent(s) applied for but not yet granted | <input checked="" type="checkbox"/> Secret know-how |
| <input checked="" type="checkbox"/> Granted patents | <input type="checkbox"/> Exclusive rights |
| <input type="checkbox"/> Copyright | <input type="checkbox"/> Trade Marks |
| <input type="checkbox"/> Design rights | <input type="checkbox"/> Others (registered design, plant variety, etc.) |



Preferred Countries for Dissemination: Europe, Americas

DETAILS OF YOUR OWN ORGANISATION/COMPANY

Type* Industry R&D Institution University Private Inventor

Other: please specify

Comments:

Organisation/Company Size* (please tick one box) < 10 employees 11-50 employees
 51-250 employees 251-500 employees > 500 employees

Year Established: 2001

Turnover (only for business profiles): < 1 mio 1 – 10 mio
 10 – 20 mio 20 – 50 mio 50 - 100 mio

Already Engaged in Trans-National Cooperation Yes No

Experience Comments:

Certification Standards: CE

Languages Spoken: German, English

COLLABORATION DETAILS

Type of partnership considered:

Technology Offers

Commercial Agreement with technical assistance (an agreement arranging the acquisition of a product/technology paired with the provision of a number of services in support of a transfer of technology)

Joint Venture Agreement

License Agreement

Technical co-operation agreement

Research co-operation agreement

Business Offers

Distribution services agreement

Acquisition agreement

Franchise agency agreement

Manufacturing agreement

Outsourcing agreement



- Subcontracting
- Financial agreement
- Services Agreement

Type and Role of Partner Sought*:

- Type of partner sought (*such as industry, academy, research organisation*):
Industry, distributor
- Specific area of activity of the partner
Manufacturer of products that either need gas alerters, or can be upgraded by additional safety measures (related to CO and hydrocarbon detection), and system integrators who install gas and fire detection devices at homes and in the industry
- Tasks to be performed by the partner sought: What expertise/ tasks do you expect from the partner?

Size and Type of Partner Sought (e.g. industry, research): Industry, distributor, any size

Additional information (pictures)

CONTACT

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